

Converting Colors

XYZ(75.8254, 80.7962,
101.2474)

Have a look what the booklet for
XYZ(75.8254, 80.7962, 101.2474)
contains.

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Color

**XYZ(75.7351, 80.7453,
101.2163)**

Conversions

Conversions Part 1

Format	Color
Hex	DBEAF9
RGB	219, 234, 249
RGB Percent	86%, 92%, 98%
CMY	0.1412, 0.0823, 0.0235
CMYK	0.12, 0.06, 0.00, 0.02
HSL	210°, 71%, 92%
HSV	210°, 12%, 98%
XYZ	75.7351, 80.7453, 101.2163
YIQ	231.2250, -13.7550, 1.4850

Conversions

Conversions Part 2

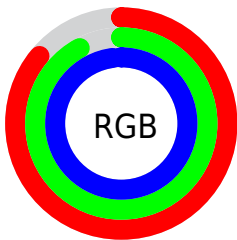
Format	Color
R _Y B	219, 229, 249
Decimal	14412537
CIE Lab	92.02, -2.05, -8.95
CIE LCh	92, 9.185, 257.083
Yxy	80.7453, 0.2939, 0.3133
Android (android.graphics.Color)	4292602617 (0xFFDBEAF9)
YUV	231.2250, 8.7631, -10.7213
Hunter-Lab	89.8584, -6.8075, -3.8833

Details

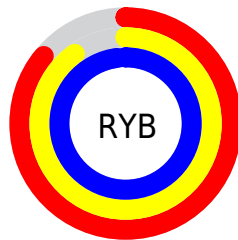
The XYZ color **75.7351, 80.7453, 101.2163** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.2763, 84.0993, 78.9683**, and the grayscale version is **76.0693, 80.0308, 87.1535**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8559, 43.5836, 56.7112** is the 20% darker color. If you saturate the color by 10%, you get **65.3775, 70.3306, 99.7532**, and if you desaturate by 10%, it is **87.4670, 92.2424, 102.8184**.

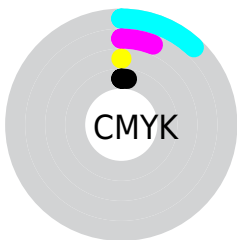
Distribution



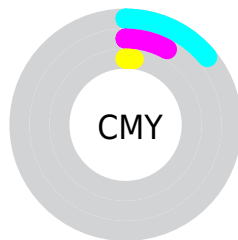
- Red (86%)
- Green (92%)
- Blue (98%)



- Red (86%)
- Yellow (90%)
- Blue (98%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (14%)
- Magenta (8%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7351, 80.7453, 101.2163 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.7351, 80.7453, 101.2163 by changing the saturation by 10% instead.

■ 75.7351, 80.7453,
101.2163

■ 75.7351, 80.7453,
101.2163

469.3988,
497.4410, 585.3652

■ 56.5116, 60.3319,
76.6942

126.3347,
134.4131, 164.8941

■ 40.8519, 43.6862,
56.4918

158.4416,
168.4362, 204.8868

■ 28.3905, 30.4239,
40.1908

195.5736,
207.7647, 250.8735

■ 18.7622, 20.1605,
27.3724

238.0962,
252.7829, 303.2727

■ 11.6016, 12.5118,
17.6182

286.3746,
303.8752, 362.5029

■ 6.5432, 7.0932,
10.5096

340.7743,

■ 3.2219, 3.5205,

361.4261, 428.9827

5.6281

401.6605,
425.8199, 503.1306

■ 1.2722, 1.4091,
2.5552

■ 0.1622, 0.2234,
0.8692

■ 75.7351, 80.7453,
101.2163

■ 75.7351, 80.7453,
101.2163

■ 65.3775, 70.3306,
99.7532

■ 87.4670, 92.2424,
102.8184

■ 56.3323, 60.9523,
98.4198

■ 94.0991, 99.6197,
103.8928

■ 48.5434, 52.5761,
97.2135

■ 41.9476, 45.1610,
96.1299

■ 36.4754, 38.6632,
95.1641

■ 32.0498, 33.0341,
94.3109

■ 28.5825, 28.2193,
93.5643

■ 25.9679, 24.1550,
92.9176

■ 24.3733, 21.3881,
92.4675

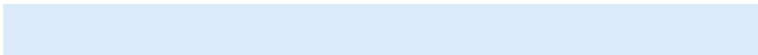
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.6944, 80.7453, 97.7926



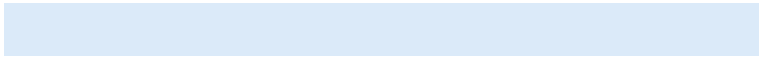
75.7351, 80.7453, 101.2163



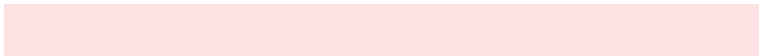
78.0880, 80.7453, 100.9477

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7351, 80.7453, 101.2163



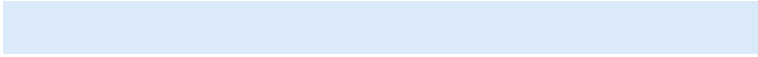
81.1701, 80.7453, 84.1518



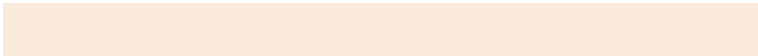
73.4674, 80.7453, 79.3542

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75.7351, 80.7453, 101.2163



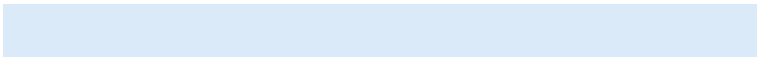
81.2763, 84.0993, 78.9683

Split Complementary

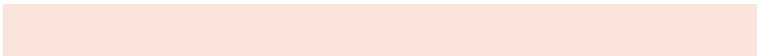
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.4194, 80.7453, 76.0605



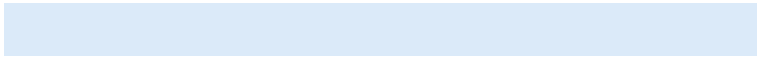
75.7351, 80.7453, 101.2163



79.8806, 80.7453, 78.7314

Square

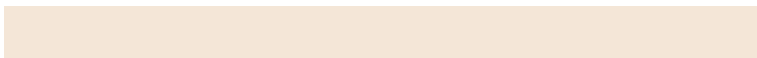
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



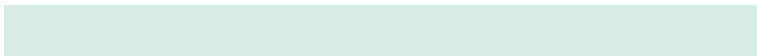
75.7351, 80.7453, 101.2163



81.2588, 80.7453, 90.8580



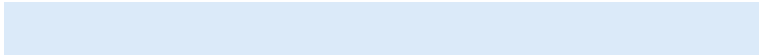
77.7658, 80.7453, 75.8385



72.4034, 80.7453, 85.0419

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7351, 80.7453, 101.2163



79.5175, 80.7453, 98.7091



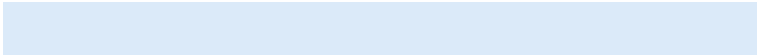
77.7658, 80.7453, 75.8385



74.0397, 80.7453, 77.9433

Sweetspot

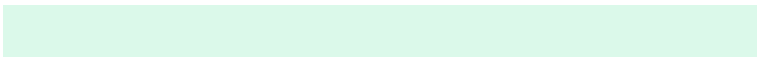
The Sweet Spot groups the original color and five complimentary colors.



75.7375, 80.7487, 101.2181



89.7914, 94.9063, 108.1940



77.8700, 88.7246, 90.4886



19.0131, 20.1133, 23.1301



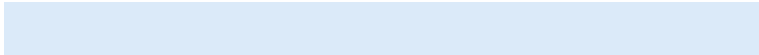
0.0000, 0.0000, 0.0000



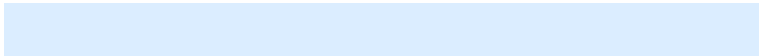
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7375, 80.7487, 101.2181



77.6826, 82.9843, 106.5310



71.7758, 72.8254, 99.8976



17.0003, 18.0773, 21.9786



13.1886, 11.7328, 49.5431



1.3275, 1.2987, 4.6239

Inverse Universe

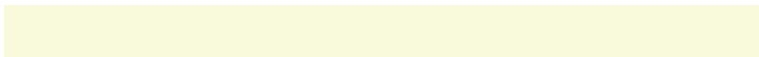
The Inverse Universe completely reimagines the original color for something new.



79.2516, 76.7449, 88.4821



81.9585, 78.2032, 91.0139



85.5758, 92.6983, 80.4014



17.6067, 17.3700, 19.7845



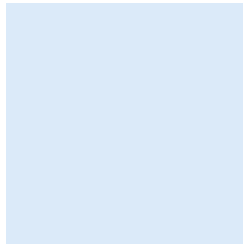
22.9490, 11.5953, 11.7059



2.1790, 1.0953, 1.3659

Previews

White Background



This preview shows how the XYZ color 75.7351, 80.7453, 101.2163 looks on a white background.

Color Contrast Check

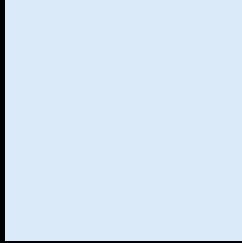
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.7351, 80.7453, 101.2163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

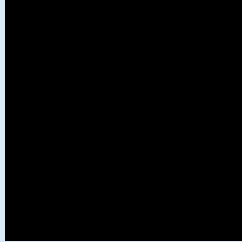
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

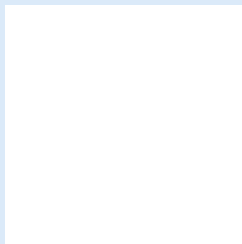
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7351, 80.7453, 101.2163

Background



This preview shows how black text looks on a background with the XYZ color 75.7351, 80.7453, 101.2163.



This preview shows how white text looks on a background with the XYZ color 75.7351, 80.7453,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.7351, 80.7453, 101.2163

Protanopia

78.3640, 80.4648, 99.3967

Deuteranopia

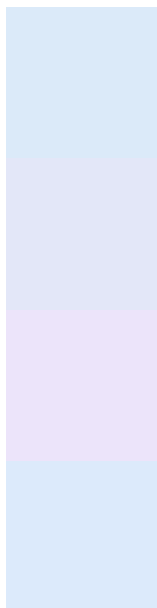
82.3438, 80.4083, 102.4472



Tritanopia

76.5087, 81.0896, 103.7149

Trichromacy



Original Color

75.7351, 80.7453, 101.2163

Protanomaly

77.1977, 80.2600, 100.2299

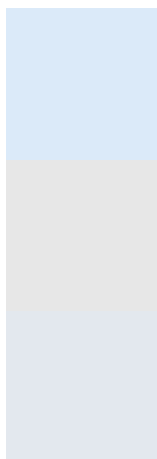
Deuteranomaly

79.5908, 80.2218, 101.7320

Tritanomaly

76.3506, 81.0263, 102.8823

Monochromacy



Original Color

75.7351, 80.7453, 101.2163

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.9678, 80.2172, 92.3685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7351, 80.7453, 101.2163 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(219, 234, 249)` looks like.

```
.text, #text, p{  
    color:rgb(219, 234, 249)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(219, 234, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 234, 249) }
```

Border

The CSS property to change the border of an element to XYZ 75.7351, 80.7453, 101.2163 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 234, 249) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(219, 234, 249) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(219, 234, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 234, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 234, 249);  
box-shadow:4px 4px 4px 4px rgb(219, 234,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7351, 80.7453, 101.2163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 234, 249) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(219,  
234, 249) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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