

Converting Colors

XYZ(75.4247, 80.6211, 99.5818)

Have a look what the booklet for
XYZ(75.4247, 80.6211, 99.5818)
contains.

XYZ(75.4247, 80.6211, 99.5818)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.4247, 80.6211,
99.5818)**

Conversions

Conversions Part 1

Format	Color
Hex	DBEAF7
RGB	219, 234, 247
RGB Percent	86%, 92%, 97%
CMY	0.1412, 0.0823, 0.0314
CMYK	0.11, 0.05, 0.00, 0.03
HSL	208°, 64%, 91%
HSV	208°, 11%, 97%
XYZ	75.4247, 80.6211, 99.5818
YIQ	230.9970, -13.1130, 0.8630

Conversions

Conversions Part 2

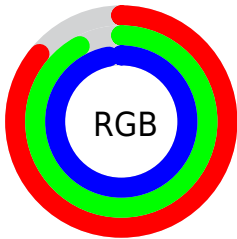
Format	Color
R _Y B	219, 229, 247
Decimal	14412535
CIE Lab	91.96, -2.45, -7.99
CIE LCh	92, 8.359, 252.966
Yxy	80.6211, 0.2951, 0.3154
Android (android.graphics.Color)	4292602615 (0xFFDBEA7)
YUV	230.9970, 7.8895, -10.5214
Hunter-Lab	89.7893, -7.1878, -2.9038

Details

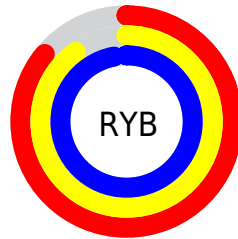
The XYZ color **75.4247, 80.6211, 99.5818** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.0009, 82.6013, 78.7464**, and the grayscale version is **75.9055, 79.8585, 86.9659**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6342, 43.4949, 55.5439** is the 20% darker color. If you saturate the color by 10%, you get **65.3794, 70.7548, 98.2081**, and if you desaturate by 10%, it is **86.7885, 91.4850, 101.0811**.

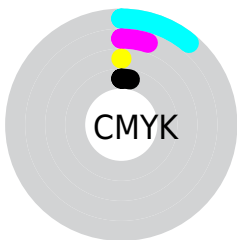
Distribution



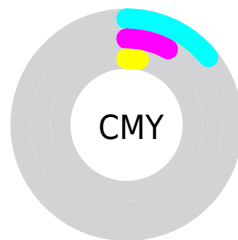
- Red (86%)
- Green (92%)
- Blue (97%)



- Red (86%)
- Yellow (90%)
- Blue (97%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)



- Cyan (14%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4247, 80.6211, 99.5818 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 75.4247, 80.6211, 99.5818 by changing the saturation by 10% instead.

■ 75.4247, 80.6211,
99.5818

■ 75.4247, 80.6211,
99.5818

468.3508,
497.0235, 580.0863

■ 56.2563, 60.2296,
75.3364

125.8981,
134.2386, 162.6292

■ 40.6462, 43.6037,
55.3851

157.9337,
168.2334, 202.2683

■ 28.2292, 30.3591,
39.3095

194.9892,
207.5314, 247.8757

■ 18.6399, 20.1113,
26.6909

237.4298,
252.5170, 299.8700

■ 11.5128, 12.4760,
17.1108

285.6209,
303.5747, 358.6696

■ 6.4827, 7.0687,
10.1507

339.9278,

■ 3.1842, 3.5051,

361.0887, 424.6932

5.3921

400.7160,
425.4435, 498.3592

■ 1.2519, 1.4008,
2.4164

■ 0.1468, 0.2173,
0.7953

■ 75.4247, 80.6211,
99.5818

■ 75.4247, 80.6211,
99.5818

■ 65.3794, 70.7548,
98.2081

■ 86.7885, 91.4850,
101.0811

■ 56.5933, 61.8432,
96.9511

■ 93.7887, 99.4955,
102.2583

■ 49.0126, 53.8547,
95.8087

■ 42.5768, 46.7517,
94.7769

■ 37.2194, 40.4936,
93.8513

■ 32.8668, 35.0358,
93.0273

■ 29.4345, 30.3277,
92.2994

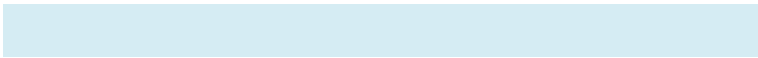
■ 26.8222, 26.3106,
91.6617

■ 25.0879, 23.3138,
91.1747

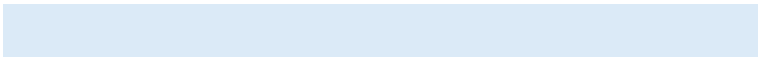
Harmonies

Analogous

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



73.6459, 80.6211, 96.0917



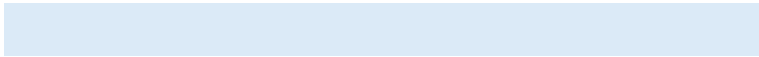
75.4247, 80.6211, 99.5818



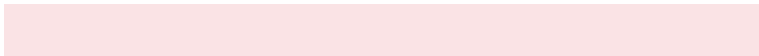
77.5581, 80.6211, 99.8183

Triad

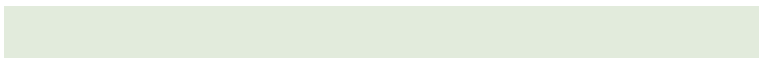
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4247, 80.6211, 99.5818



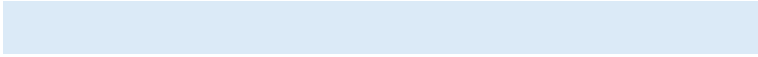
80.7226, 80.6211, 85.1560



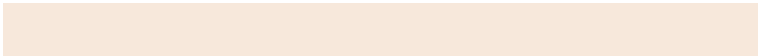
73.8480, 80.6211, 79.4105

Complementary

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



75.4247, 80.6211, 99.5818



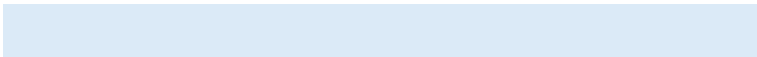
80.0009, 82.6013, 78.7464

Split Complementary

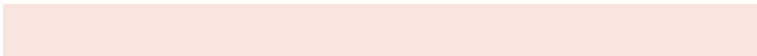
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.7052, 80.6211, 76.7556



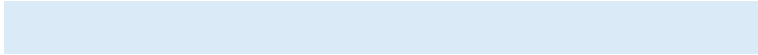
75.4247, 80.6211, 99.5818



79.6894, 80.6211, 79.9670

Square

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



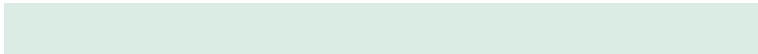
75.4247, 80.6211, 99.5818



80.6441, 80.6211, 91.2926



77.8439, 80.6211, 76.9544



72.7474, 80.6211, 84.3639

Rectangle

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



75.4247, 80.6211, 99.5818



78.8968, 80.6211, 98.0827



77.8439, 80.6211, 76.9544



74.4030, 80.6211, 78.2302

Sweetspot

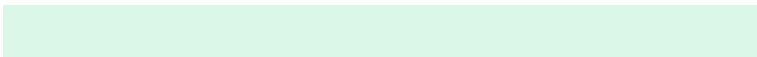
The Sweet Spot groups the original color and five complimentary colors.



75.4271, 80.6245, 99.5836



91.1690, 96.3332, 108.3968



76.9842, 87.3864, 88.8575



19.2967, 20.4131, 23.1730



0.0000, 0.0000, 0.0000



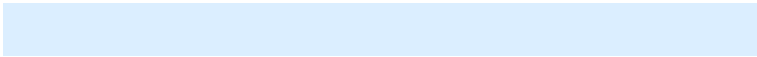
20.3446, 21.4041, 23.3091

Same Dimension

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



75.4271, 80.6245, 99.5836



78.0535, 83.7260, 106.6546



71.7016, 73.1735, 98.3418



16.3166, 17.3975, 21.0406



13.4117, 12.6173, 48.2665



1.2816, 1.3146, 4.2764

Inverse Universe

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



78.5424, 76.3793, 88.4489



82.1457, 78.2780, 91.9997



83.9795, 90.5584, 80.0726



16.8704, 16.6310, 19.0640



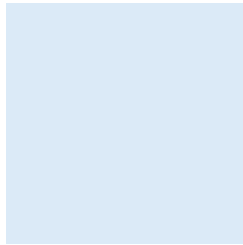
22.5741, 11.3731, 12.9977



2.0359, 1.0203, 1.4157

Previews

White Background



This preview shows how the XYZ color 75.4247, 80.6211, 99.5818 looks on a white background.

Color Contrast Check

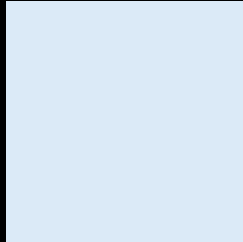
Large Text (above 18pt) WCAG AA × Fail

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 75.4247, 80.6211, 99.5818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

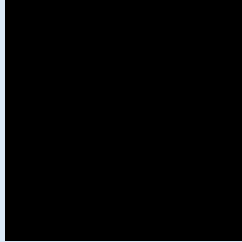
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

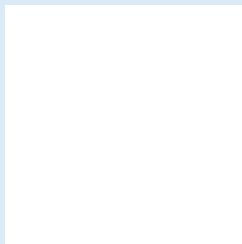
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4247, 80.6211, 99.5818

Background



This preview shows how black text looks on a background with the XYZ color 75.4247, 80.6211, 99.5818.



This preview shows how white text looks on a background with the XYZ color 75.4247, 80.6211,

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

75.4247, 80.6211, 99.5818

Protanopia

78.0570, 80.3420, 97.7797

Deuteranopia

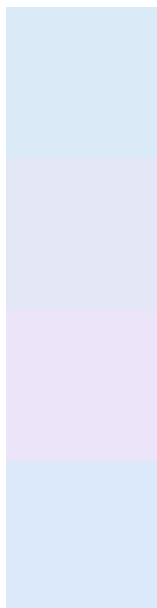
82.0301, 80.2828, 100.7952



Tritanopia

76.2248, 80.5217, 103.6202

Trichromacy



Original Color

75.4247, 80.6211, 99.5818

Protanomaly

76.8890, 80.1365, 98.6042

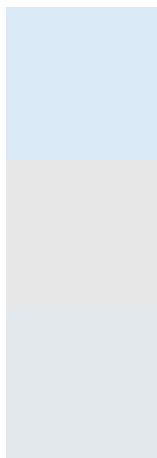
Deuteranomaly

79.2788, 80.0970, 100.0888

Tritanomaly

75.9094, 80.3956, 101.9595

Monochromacy



Original Color

75.4247, 80.6211, 99.5818

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.8212, 80.1585, 91.5967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4247, 80.6211, 99.5818 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(219, 234, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 234, 247) }
```

Border

The CSS property to change the border of an element to XYZ 75.4247, 80.6211, 99.5818 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, 247) }
```


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

```
.border{ border-color:rgb(219, 234, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 234, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 234, 247);  
box-shadow:4px 4px 4px 4px rgb(219, 234,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4247, 80.6211, 99.5818 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, 247) }
```

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

```
.background{ background-color: rgb(219,  
234, 247) }
```

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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