

Converting Colors

XYZ(75.0116, 79.8750, 97.6119)

Have a look what the booklet for
XYZ(75.0116, 79.8750, 97.6119)
contains.

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Color

**XYZ(75.1355, 80.0860,
97.8843)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE9F5
RGB	220, 233, 245
RGB Percent	86%, 91%, 96%
CMY	0.1372, 0.0863, 0.0392
CMYK	0.10, 0.05, 0.00, 0.04
HSL	209°, 56%, 91%
HSV	209°, 10%, 96%
XYZ	75.1355, 80.0860, 97.8843
YIQ	230.4810, -11.6000, 0.9760

Conversions

Conversions Part 2

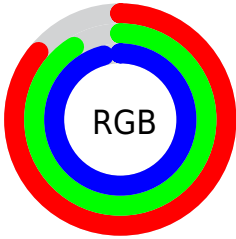
Format	Color
R _Y B	220, 229, 245
Decimal	14477813
CIE Lab	91.72, -2.01, -7.30
CIE LCh	92, 7.567, 254.602
Yxy	80.0860, 0.2969, 0.3164
Android (android.graphics.Color)	4292667893 (0xFFDCE9F5)
YUV	230.4810, 7.1579, -9.1918
Hunter-Lab	89.4908, -6.7422, -2.2074

Details

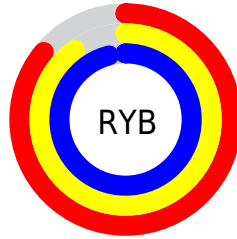
The XYZ color **75.1355, 80.0860, 97.8843** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.4314, 82.2925, 79.4091**, and the grayscale version is **75.5267, 79.4600, 86.5320**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4245, 43.1177, 54.3361** is the 20% darker color. If you saturate the color by 10%, you get **65.0393, 70.1059, 96.4913**, and if you desaturate by 10%, it is **86.5448, 91.0766, 99.4056**.

Distribution



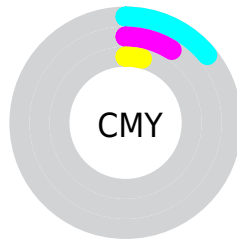
- Red (86%)
- Green (91%)
- Blue (96%)



- Red (86%)
- Yellow (90%)
- Blue (96%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (14%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1355, 80.0860, 97.8843 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 75.1355, 80.0860, 97.8843 by changing the saturation by 10% instead.

■ 75.1355, 80.0860,
97.8843

■ 75.1355, 80.0860,
97.8843

467.3732,
495.2226, 574.5766

■ 56.0185, 59.7891,
73.9278

125.4910,
133.4866, 160.2731

■ 40.4548, 43.2487,
54.2385

157.4602,
167.3592, 199.5425

■ 28.0791, 30.0803,
38.3979

194.4442,
206.5258, 244.7533

■ 18.5261, 19.8995,
25.9874

236.8083,
251.3707, 296.3239

■ 11.4303, 12.3220,
16.5886

284.9179,
302.2785, 354.6731

■ 6.4265, 6.9634,
9.7827

339.1384,

■ 3.1492, 3.4392,

359.6335, 420.2192

5.1514

399.8350,
423.8201, 493.3809

■ 1.2331, 1.3651,
2.2761

■ 0.1323, 0.1908,
0.7178

■ 75.1355, 80.0860,
97.8843

■ 75.1355, 80.0860,
97.8843

■ 65.0393, 70.1059,
96.4913

■ 86.5448, 91.0766,
99.4056

■ 56.1979, 61.0933,
95.2177

■ 93.4817, 99.3727,
100.6413

■ 48.5586, 53.0168,
94.0614

■ 42.0622, 45.8389,
93.0184

■ 36.6439, 39.5194,
92.0841

■ 32.2317, 34.0138,
91.2540

■ 28.7440, 29.2726,
90.5227

■ 26.0839, 25.2379,
89.8841

■ 24.1272, 21.8837,
89.3398

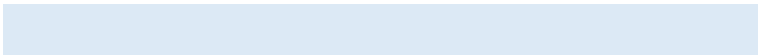
Harmonies

Analogous

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



73.5003, 80.0860, 94.9000



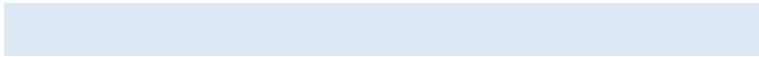
75.1355, 80.0860, 97.8843



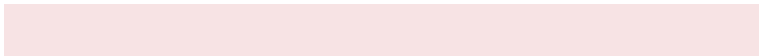
77.0614, 80.0860, 97.9257

Triad

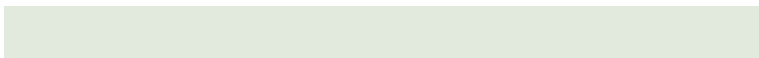
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1355, 80.0860, 97.8843



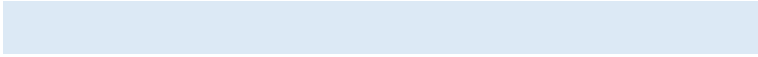
79.7777, 80.0860, 84.5406



73.5360, 80.0860, 79.8296

Complementary

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



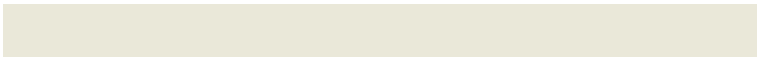
75.1355, 80.0860, 97.8843



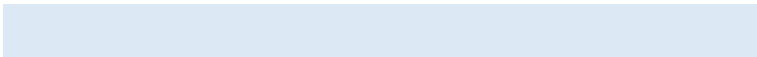
79.4314, 82.2925, 79.4091

Split Complementary

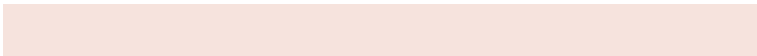
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.1850, 80.0860, 77.2876



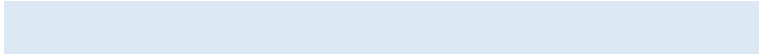
75.1355, 80.0860, 97.8843



78.7999, 80.0860, 79.9283

Square

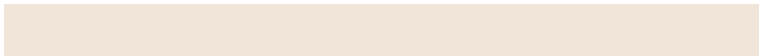
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1355, 80.0860, 97.8843



79.7639, 80.0860, 90.0606



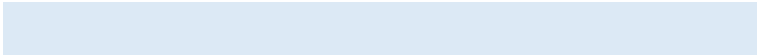
77.1117, 80.0860, 77.3230



72.5876, 80.0860, 84.4007

Rectangle

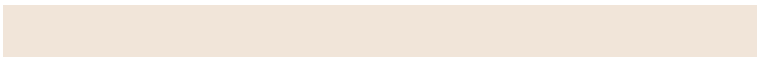
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.1355, 80.0860, 97.8843



78.2523, 80.0860, 96.2702



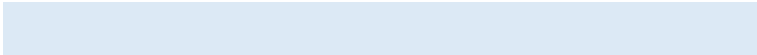
77.1117, 80.0860, 77.3230



74.0255, 80.0860, 78.7183

Sweetspot

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



75.1378, 80.0894, 97.8861



91.1314, 96.2580, 108.3842



76.6871, 86.3291, 88.7186



19.2865, 20.3928, 23.1696



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.



75.1378, 80.0894, 97.8861



80.1678, 85.6378, 106.9122



71.8104, 73.4346, 96.7769



16.2943, 17.3529, 21.0332



13.1373, 12.0683, 48.1750



1.2575, 1.2665, 4.2684

Inverse Universe

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



77.9592, 76.4837, 87.7486



83.7785, 81.0967, 93.9221



82.9766, 89.3829, 80.5908



16.8591, 16.6265, 19.0047



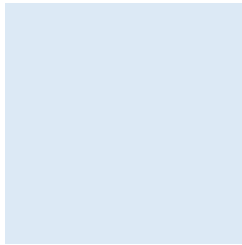
22.4356, 11.3177, 12.2681



2.0238, 1.0155, 1.3518

Previews

White Background



This preview shows how the XYZ color 75.1355, 80.0860, 97.8843 looks on a white background.

Color Contrast Check

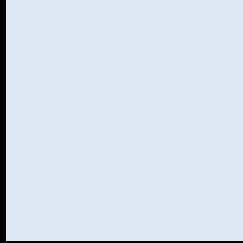
Large Text (above 18pt) WCAG AA × Fail

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 75.1355, 80.0860, 97.8843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

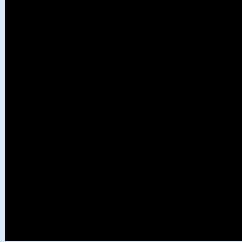
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

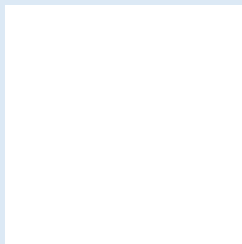
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1355, 80.0860, 97.8843

Background



This preview shows how black text looks on a background with the XYZ color 75.1355, 80.0860, 97.8843.

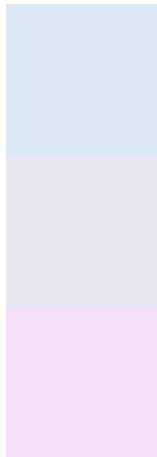


This preview shows how white text looks on a background with the XYZ color 75.1355, 80.0860,

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

75.1355, 80.0860, 97.8843

Protanopia

77.7532, 80.2205, 96.1801

Deuteranopia

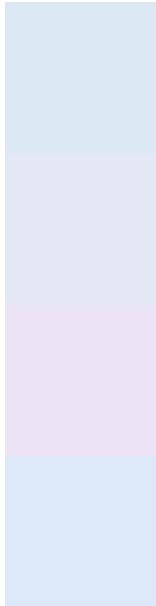
81.4502, 79.6195, 99.0709



Tritanopia

76.0880, 80.0504, 102.7078

Trichromacy



Original Color

75.1355, 80.0860, 97.8843

Protanomaly

76.9000, 80.1775, 97.0107

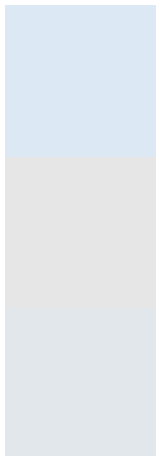
Deuteranomaly

79.0287, 79.5965, 98.3872

Tritanomaly

75.7743, 79.9249, 101.0559

Monochromacy



Original Color

75.1355, 80.0860, 97.8843

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.9353, 79.3187, 89.9578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1355, 80.0860, 97.8843 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(220, 233, 245)` looks like.

```
.text, #text, p{  
    color:rgb(220, 233, 245)  
}
```

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(220, 233, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 233, 245) }
```

Border

The CSS property to change the border of an element to XYZ 75.1355, 80.0860, 97.8843 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(220, 233, 245) }
```


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

```
.border{ border-color:rgb(220, 233, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 233, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 233, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 233, 245);  
box-shadow:4px 4px 4px 4px rgb(220, 233,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1355, 80.0860, 97.8843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 233, 245) }
```

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

```
.background{ background-color: rgb(220,  
233, 245) }
```

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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