

Converting Colors

XYZ(75.5336, 84.4572, 91.8118)

Have a look what the booklet for
XYZ(75.5336, 84.4572, 91.8118)
contains.

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Color

**XYZ(75.5077, 84.3121,
91.6511)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F2EC
RGB	217, 242, 236
RGB Percent	85%, 95%, 93%
CMY	0.1490, 0.0510, 0.0745
CMYK	0.10, 0.00, 0.02, 0.05
HSL	166°, 49%, 90%
HSV	166°, 10%, 95%
XYZ	75.5077, 84.3121, 91.6511
YIQ	233.8410, -12.9740, -7.1660

Conversions

Conversions Part 2

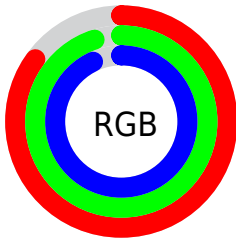
Format	Color
R _Y B	217, 231, 242
Decimal	14283500
CIE Lab	93.59, -9.27, 0.10
CIE LCh	94, 9.275, 179.362
Yxy	84.3121, 0.3003, 0.3353
Android (android.graphics.Color)	4292473580 (0xFFD9F2EC)
YUV	233.8410, 1.0644, -14.7696
Hunter-Lab	91.8216, -13.9019, 5.0952

Details

The XYZ color **75.5077, 84.3121, 91.6511** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.7531, 73.8328, 80.1271**, and the grayscale version is **78.0877, 82.1543, 89.4661**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6974, 46.0945, 49.9322** is the 20% darker color. If you saturate the color by 10%, you get **68.0052, 80.5427, 86.9657**, and if you desaturate by 10%, it is **84.0973, 88.6434, 96.5343**.

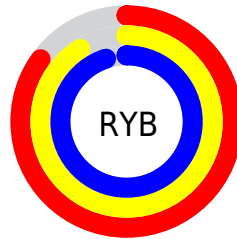
Distribution



Red (85%)

Green (95%)

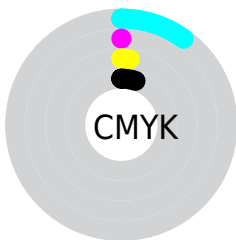
Blue (93%)



Red (85%)

Yellow (91%)

Blue (95%)

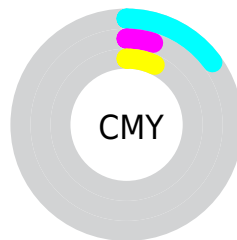


Cyan (10%)

Magenta (0%)

Yellow (2%)

Black (5%)



Cyan (15%)

Magenta (5%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5077, 84.3121, 91.6511 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 75.5077, 84.3121, 91.6511 by changing the saturation by 10% instead.

75.5077, 84.3121,
91.6511

75.5077, 84.3121,
91.6511

468.6311,
509.3491, 554.0954

56.3246, 63.2731,
68.7695

126.0148,
139.4117, 151.5852

40.7012, 46.0622,
50.0534

158.0696,
174.2411, 189.4748

28.2723, 32.2949,
35.0843

195.1455,
214.4361, 233.2041

18.6726, 21.5869,
23.4438

237.6080,
260.3811, 283.1917

11.5365, 13.5536,
14.7132

285.8225,
312.4605, 339.8560

6.4989, 7.8109,
8.4739

340.1543,

3.1942, 3.9742,

371.0587, 403.6158

4.3076

400.9687,
436.5601, 474.8894

■ 1.2573, 1.6591,
1.7956

■ 0.1509, 0.3970,
0.4250

■ 75.5077, 84.3121,
91.6511

■ 75.5077, 84.3121,
91.6511

■ 68.0052, 80.5427,
86.9657

■ 84.0973, 88.6434,
96.5343

■ 61.5366, 77.3008,
82.4689

■ 89.8786, 91.5214,
101.4291

■ 56.0549, 74.5647,
78.1591

■ 90.7926, 91.8870,
106.2421

■ 51.5068, 72.3066,
74.0323

■ 91.0437, 91.9874,
107.5646

■ 47.8336, 70.4966,
70.0843

■ 44.9700, 69.1009,
66.3107

■ 42.8411, 68.0810,
62.7065

■ 41.3576, 67.3909,
59.2661

■ 40.3947, 66.9638,
56.0876

Harmonies

Analogous

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



76.1426, 84.3121, 85.0825



75.5077, 84.3121, 91.6511



76.0918, 84.3121, 98.5916

Triad

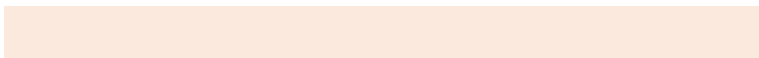
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5077, 84.3121, 91.6511



82.4732, 84.3121, 104.0961



82.5660, 84.3121, 80.6533

Complementary

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



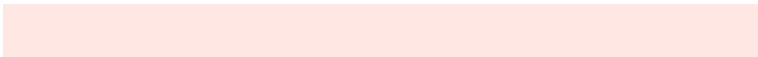
75.5077, 84.3121, 91.6511



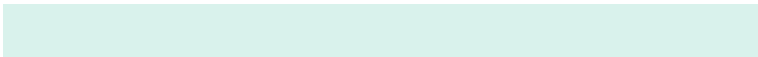
74.7531, 73.8328, 80.1271

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.



84.3213, 84.3121, 85.3306



75.5077, 84.3121, 91.6511



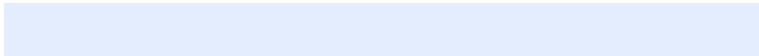
84.2669, 84.3121, 98.8653

Square

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



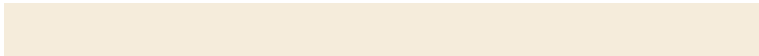
75.5077, 84.3121, 91.6511



80.0836, 84.3121, 105.9952



84.9499, 84.3121, 91.9522



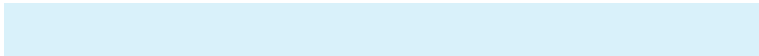
80.1887, 84.3121, 78.9351

Rectangle

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



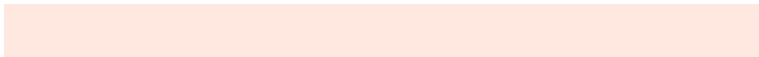
75.5077, 84.3121, 91.6511



77.1007, 84.3121, 102.4480



84.9499, 84.3121, 91.9522



83.2502, 84.3121, 81.9195

Sweetspot

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



75.5101, 84.3157, 91.6530



91.9970, 98.4601, 107.2208



74.7877, 84.2454, 77.9661



19.5206, 20.9885, 22.8543



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.



75.5101, 84.3157, 91.6530



83.5140, 94.1871, 102.3029



74.5684, 81.0127, 95.7154



16.0756, 17.8603, 19.4212



21.7555, 35.9942, 30.4252



1.8483, 3.0098, 2.7336

Inverse Universe

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



74.7531, 73.8328, 80.1271



82.5329, 80.5984, 87.3630



75.5996, 76.7985, 76.4859



15.9284, 15.8211, 17.1790



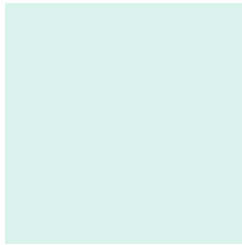
20.1277, 10.3235, 3.3229



1.7122, 0.8739, 0.4753

Previews

White Background



This preview shows how the XYZ color 75.5077, 84.3121, 91.6511 looks on a white background.

Color Contrast Check

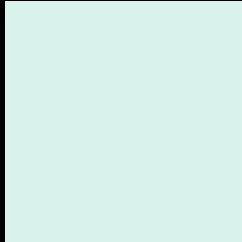
Large Text (above 18pt) WCAG AA × Fail

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 75.5077, 84.3121, 91.6511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

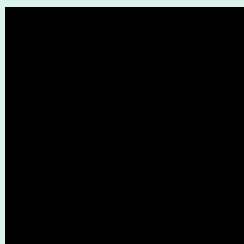
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

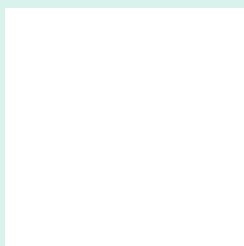
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5077, 84.3121, 91.6511

Background



This preview shows how black text looks on a background with the XYZ color 75.5077, 84.3121, 91.6511.



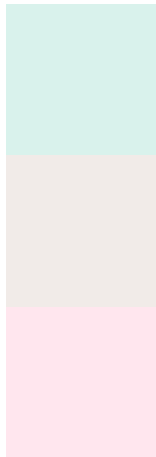
This preview shows how white text looks on a background with the XYZ color 75.5077, 84.3121,

91.6511.

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

75.5077, 84.3121, 91.6511

Protanopia

80.5494, 83.9436, 88.3013

Deuteranopia

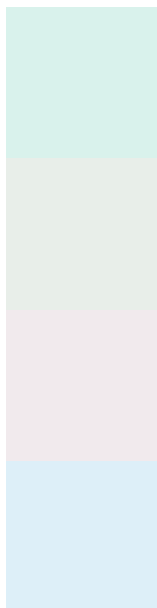
84.9694, 84.0267, 92.6293



Tritanopia

79.0560, 84.0570, 106.6657

Trichromacy



Original Color

75.5077, 84.3121, 91.6511

Protanomaly

78.5612, 84.1881, 89.2001

Deuteranomaly

80.9845, 83.6608, 92.0006

Tritanomaly

77.6286, 83.8825, 100.9064

Monochromacy



Original Color

75.5077, 84.3121, 91.6511

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.2745, 83.0605, 90.5567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5077, 84.3121, 91.6511 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(217, 242, 236)` looks like.

```
.text, #text, p{  
    color:rgb(217, 242, 236)  
}
```

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(217, 242, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 242, 236) }
```

Border

The CSS property to change the border of an element to XYZ 75.5077, 84.3121, 91.6511 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(217, 242, 236) }
```


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

```
.border{ border-color:rgb(217, 242, 236) }
```

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

Here you see how a box with a 4 pixel rgb(217, 242, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 242, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 242, 236);  
box-shadow:4px 4px 4px 4px rgb(217, 242,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5077, 84.3121, 91.6511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 242, 236) }
```

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

```
.background{ background-color: rgb(217,  
242, 236) }
```

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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