

Converting Colors

XYZ(76.2764, 85.1130, 95.7805)

Have a look what the booklet for
XYZ(76.2764, 85.1130, 95.7805)
contains.

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Color

**XYZ(76.2467, 85.0510,
95.6169)**

Conversions

Conversions Part 1

Format	Color
Hex	D8F3F1
RGB	216, 243, 241
RGB Percent	85%, 95%, 95%
CMY	0.1529, 0.0470, 0.0549
CMYK	0.11, 0.00, 0.01, 0.05
HSL	176°, 53%, 90%
HSV	176°, 11%, 95%
XYZ	76.2467, 85.0510, 95.6169
YIQ	234.6990, -15.4500, -6.3460

Conversions

Conversions Part 2

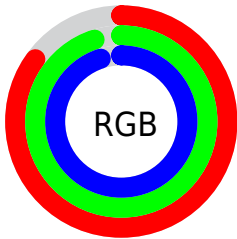
Format	Color
R _Y B	216, 230, 243
Decimal	14218225
CIE Lab	93.91, -9.14, -2.03
CIE LCh	94, 9.368, 192.526
Yxy	85.0510, 0.2968, 0.3310
Android (android.graphics.Color)	4292408305 (0xFFD8F3F1)
YUV	234.6990, 3.1064, -16.3990
Hunter-Lab	92.2231, -13.8131, 3.0843

Details

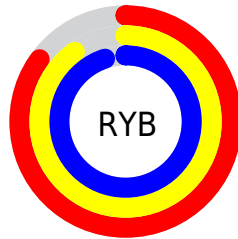
The XYZ color **76.2467, 85.0510, 95.6169** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.1760, 73.2307, 76.5591**, and the grayscale version is **78.7244, 82.8241, 90.1955**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2252, 46.6205, 52.7248** is the 20% darker color. If you saturate the color by 10%, you get **69.3243, 81.5156, 93.8955**, and if you desaturate by 10%, it is **84.2384, 89.1419, 97.4058**.

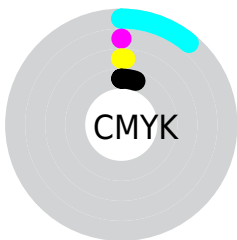
Distribution



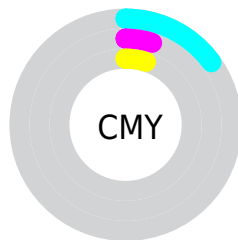
- Red (85%)
- Green (95%)
- Blue (95%)



- Red (85%)
- Yellow (90%)
- Blue (95%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)




- Cyan (15%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2467, 85.0510, 95.6169 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 76.2467, 85.0510, 95.6169 by changing the saturation by 10% instead.


 76.2467, 85.0510,
95.6169

 76.2467, 85.0510,
95.6169

471.1232,
511.7968, 567.1727

 56.9326, 63.8835,
72.0488


127.0541,
140.4444, 157.1195

 41.1910, 46.5563,
52.7115

159.2780,
175.4392, 195.8911

 28.6567, 32.6851,
37.1863


196.5360,
215.8118, 240.5676

 18.9643, 21.8853,
25.0549

239.1933,
261.9467, 291.5676

 11.7483, 13.7726,
15.8986

287.6153,
314.2282, 349.3095

 6.6435, 7.9627,
9.2988

342.1674,

 3.2845, 4.0711,

373.0408, 414.2120

4.8371

403.2149,
438.7689, 486.6936

■ 1.3059, 1.7134,
2.0950

■ 0.1877, 0.4323,
0.6128

■ 76.2467, 85.0510,
95.6169

■ 76.2467, 85.0510,
95.6169

■ 69.3243, 81.5156,
93.8955

■ 84.2384, 89.1419,
97.4058

■ 63.4173, 78.5011,
92.2338


■ 89.7138, 91.9330,
99.0890


■ 58.4784, 75.9854,
90.6312


■ 89.9899, 92.0434,
100.5430


■ 54.4535, 73.9405,
89.0852


■ 90.2687, 92.1549,
102.0111


 51.2832, 72.3359,
87.5930


 90.5502, 92.2675,
103.4934


 48.9010, 71.1373,
86.1513


 90.8344, 92.3812,
104.9900

 47.2307, 70.3054,
84.7567

 91.1213, 92.4960,
106.5008

 46.1810, 69.7931,
83.4047

 91.3422, 92.5843,
107.6641

 45.6393, 69.5392,
82.2328

Harmonies

Analogous

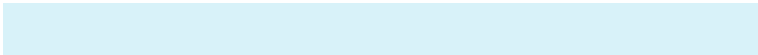
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3498, 85.0510, 88.5429



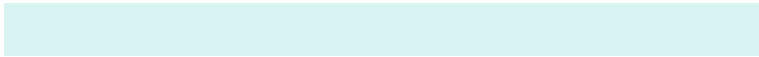
76.2467, 85.0510, 95.6169



77.3554, 85.0510, 102.2032

Triad

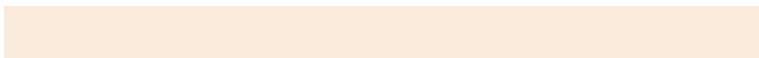
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2467, 85.0510, 95.6169



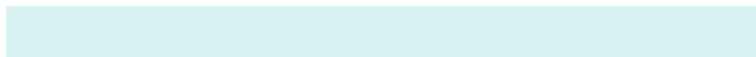
84.1235, 85.0510, 103.1012



82.2870, 85.0510, 80.1135

Complementary

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



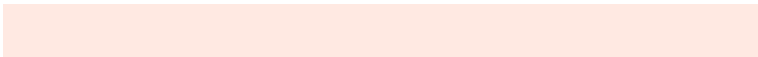
76.2467, 85.0510, 95.6169



74.1760, 73.2307, 76.5591

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.



84.4244, 85.0510, 83.6294



76.2467, 85.0510, 95.6169



85.4996, 85.0510, 96.7917

Square

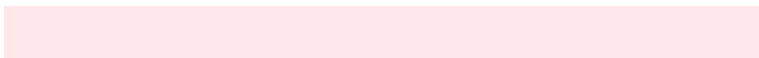
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2467, 85.0510, 95.6169



81.8830, 85.0510, 106.6710



85.6109, 85.0510, 89.6591



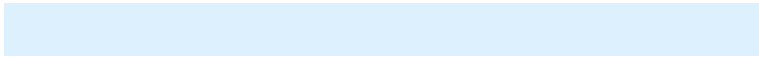
79.8028, 85.0510, 79.8352

Rectangle

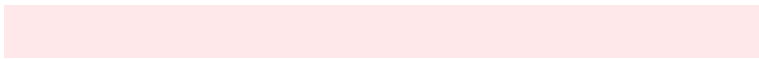
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



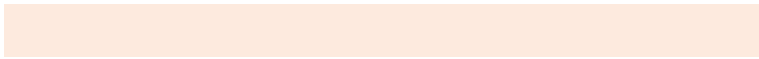
76.2467, 85.0510, 95.6169



78.6461, 85.0510, 105.3338



85.6109, 85.0510, 89.6591



83.0711, 85.0510, 80.9473

Sweetspot

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



76.2491, 85.0546, 95.6188



92.2001, 98.5413, 108.2903



73.4361, 84.0067, 77.3116



19.5756, 21.0105, 23.1439



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.



76.2491, 85.0546, 95.6188



83.4947, 94.0885, 106.3053



73.2854, 78.6454, 96.1157



16.9405, 18.7353, 20.9711



25.0694, 38.1726, 45.2468



2.2189, 3.3612, 4.0587

Inverse Universe

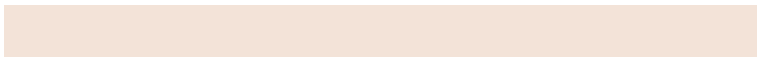
The Inverse Universe completely reimagines the original color for something new.



74.1760, 73.2307, 76.5591



80.8181, 78.8215, 81.6959



76.8974, 79.0905, 76.1803



16.5490, 16.5025, 17.3717



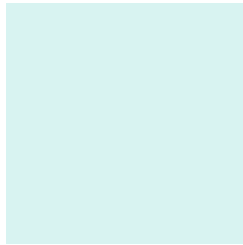
20.3642, 10.4891, 1.3601



1.8068, 0.9287, 0.2090

Previews

White Background



This preview shows how the XYZ color 76.2467, 85.0510, 95.6169 looks on a white background.

Color Contrast Check

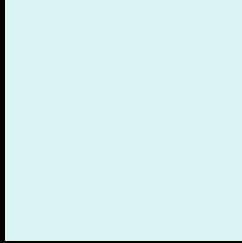
Large Text (above 18pt) WCAG AA × Fail

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 76.2467, 85.0510, 95.6169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

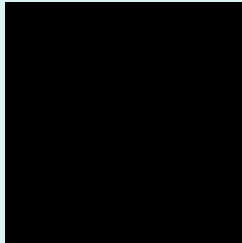
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

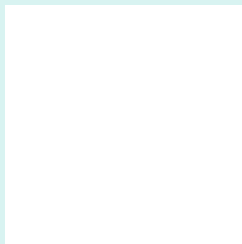
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2467, 85.0510, 95.6169

Background



This preview shows how black text looks on a background with the XYZ color 76.2467, 85.0510, 95.6169.



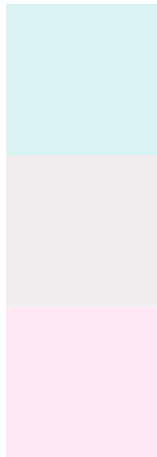
This preview shows how white text looks on a background with the XYZ color 76.2467, 85.0510,

95.6169.

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

76.2467, 85.0510, 95.6169

Protanopia

81.5571, 84.8061, 92.1915

Deuteranopia

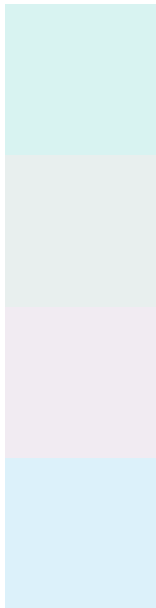
85.9936, 84.8829, 96.6457



Tritanopia

79.6415, 85.2282, 106.8609

Trichromacy



Original Color

76.2467, 85.0510, 95.6169

Protanomaly

79.5778, 85.0619, 93.1133

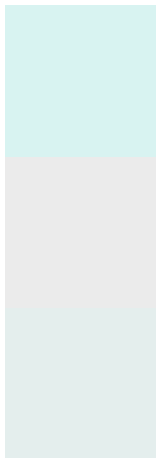
Deuteranomaly

82.0110, 84.5282, 95.9975

Tritanomaly

78.2258, 85.0284, 102.7317

Monochromacy



Original Color

76.2467, 85.0510, 95.6169

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.8555, 83.7575, 92.1841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2467, 85.0510, 95.6169 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(216, 243, 241)` looks like.

```
.text, #text, p{  
    color:rgb(216, 243, 241)  
}
```

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(216, 243, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 243, 241) }
```

Border

The CSS property to change the border of an element to XYZ 76.2467, 85.0510, 95.6169 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(216, 243, 241) }
```


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

```
.border{ border-color:rgb(216, 243, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 243, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 243, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 243, 241);  
box-shadow:4px 4px 4px 4px rgb(216, 243,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2467, 85.0510, 95.6169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 243, 241) }
```

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

```
.background{ background-color: rgb(216,  
243, 241) }
```

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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