

Converting Colors

XYZ(75.5046, 84.2426, 94.7190)

Have a look what the booklet for
XYZ(75.5046, 84.2426, 94.7190)
contains.

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Color

**XYZ(75.5046, 84.2426,
94.7190)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F2F0
RGB	215, 242, 240
RGB Percent	84%, 95%, 94%
CMY	0.1569, 0.0510, 0.0588
CMYK	0.11, 0.00, 0.01, 0.05
HSL	176°, 51%, 90%
HSV	176°, 11%, 95%
XYZ	75.5046, 84.2426, 94.7190
YIQ	233.6990, -15.4500, -6.3460

Conversions

Conversions Part 2

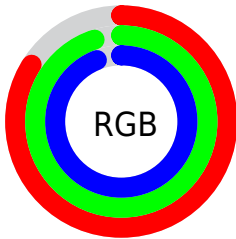
Format	Color
R _Y B	215, 229, 242
Decimal	14152432
CIE Lab	93.56, -9.15, -2.03
CIE LCh	94, 9.374, 192.523
Yxy	84.2426, 0.2967, 0.3311
Android (android.graphics.Color)	4292342512 (0xFFD7F2F0)
YUV	233.6990, 3.1064, -16.3990
Hunter-Lab	91.7838, -13.7811, 3.0626

Details

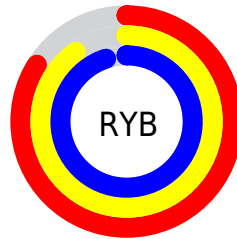
The XYZ color **75.5046, 84.2426, 94.7190** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.4458, 72.4901, 75.7703**, and the grayscale version is **77.9668, 82.0271, 89.3275**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7078, 46.0521, 52.0908** is the 20% darker color. If you saturate the color by 10%, you get **68.6525, 80.7432, 93.0144**, and if you desaturate by 10%, it is **83.4153, 88.2920, 96.4905**.

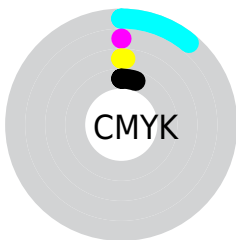
Distribution



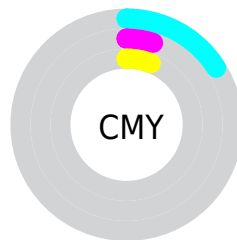
- Red (84%)
- Green (95%)
- Blue (94%)



- Red (84%)
- Yellow (90%)
- Blue (95%)



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



- Cyan (16%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5046, 84.2426, 94.7190 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 75.5046, 84.2426, 94.7190 by changing the saturation by 10% instead.

75.5046, 84.2426,
94.7190

75.5046, 84.2426,
94.7190

468.6207,
509.1185, 564.2263

56.3220, 63.2158,
71.3055

126.0105,
139.3145, 155.8686

40.6992, 46.0158,
52.1082

158.0645,
174.1283, 194.4418

28.2707, 32.2583,
36.7085

195.1397,
214.3066, 238.9052

18.6713, 21.5588,
24.6879

237.6014,
260.2337, 289.6776

11.5356, 13.5331,
15.6277

285.8150,
312.2941, 347.1773

6.4983, 7.7967,
9.1096

340.1458,

3.1939, 3.9651,

370.8721, 411.8230

4.7150

400.9593,
436.3521, 484.0332

■ 1.2571, 1.6541,
2.0252

■ 0.1507, 0.3936,
0.5707

■ 75.5046, 84.2426,
94.7190

■ 75.5046, 84.2426,
94.7190

■ 68.6525, 80.7432,
93.0144

■ 83.4153, 88.2920,
96.4905

■ 62.8059, 77.7595,
91.3688

■ 89.2611, 91.2744,
98.1774

■ 57.9176, 75.2696,
89.7817

■ 89.5345, 91.3837,
99.6174

■ 53.9342, 73.2458,
88.2507

■ 89.8106, 91.4942,
101.0714

■ 50.7969, 71.6579,
86.7728

■ 90.0894, 91.6057,
102.5395

■ 48.4397, 70.4719,
85.3451

■ 90.3709, 91.7183,
104.0216

■ 46.7873, 69.6489,
83.9639

■ 90.6550, 91.8319,
105.5179

■ 45.7491, 69.1423,
82.6250

■ 90.9419, 91.9467,
107.0284

■ 45.2149, 68.8919,
81.4703

■ 91.0437, 91.9874,
107.5646

Harmonies

Analogous

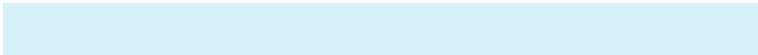
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.6072, 84.2426, 87.6852



75.5046, 84.2426, 94.7190



76.6068, 84.2426, 101.2693

Triad

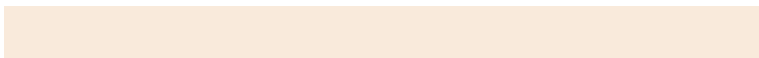
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5046, 84.2426, 94.7190



83.3365, 84.2426, 102.1636



81.5107, 84.2426, 79.3065

Complementary

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



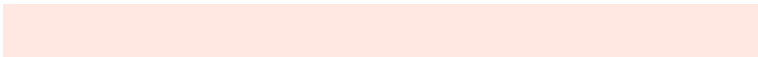
75.5046, 84.2426, 94.7190



73.4458, 72.4901, 75.7703

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.



83.6362, 84.2426, 82.8017



75.5046, 84.2426, 94.7190



84.7051, 84.2426, 95.8888

Square

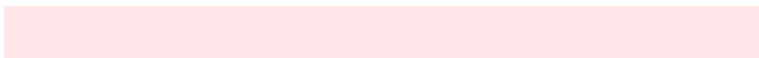
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5046, 84.2426, 94.7190



81.1085, 84.2426, 105.7140



84.8160, 84.2426, 88.7965



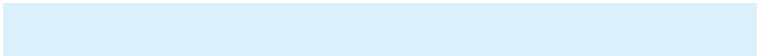
79.0406, 84.2426, 79.0295

Rectangle

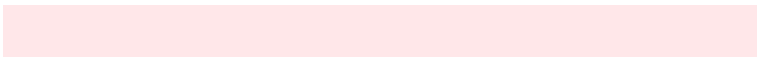
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



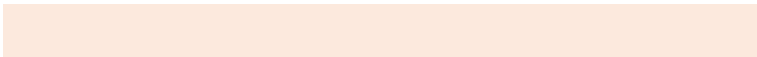
75.5046, 84.2426, 94.7190



77.8900, 84.2426, 104.3834



84.8160, 84.2426, 88.7965



82.2905, 84.2426, 80.1353

Sweetspot

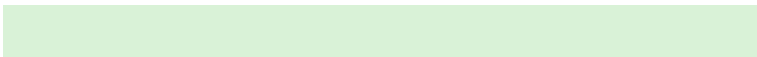
The Sweet Spot groups the original color and five complimentary colors.



75.5070, 84.2461, 94.7209



92.2001, 98.5413, 108.2903



72.7100, 83.2042, 76.5190



19.5756, 21.0105, 23.1439



0.0000, 0.0000, 0.0000



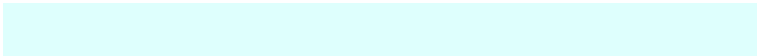
20.3446, 21.4041, 23.3091

Same Dimension

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



75.5070, 84.2461, 94.7209



83.4947, 94.0885, 106.3053



72.5598, 77.8726, 95.2152



16.1938, 17.9075, 20.0434



24.3111, 37.0164, 43.8825



2.0375, 3.0854, 3.7296

Inverse Universe

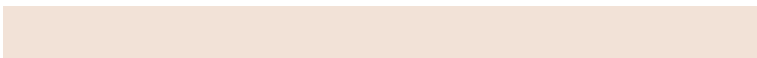
The Inverse Universe completely reimagines the original color for something new.



73.4458, 72.4901, 75.7703



80.8180, 78.8215, 81.6959



76.1510, 78.3151, 75.3940



15.8204, 15.7779, 16.6103



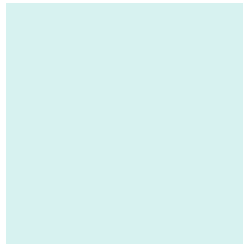
19.7482, 10.1717, 1.3247



1.6593, 0.8528, 0.1967

Previews

White Background



This preview shows how the XYZ color 75.5046, 84.2426, 94.7190 looks on a white background.

Color Contrast Check

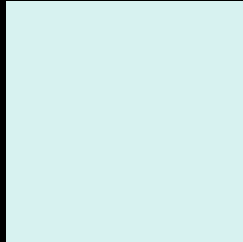
Large Text (above 18pt) WCAG AA × Fail

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 75.5046, 84.2426, 94.7190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

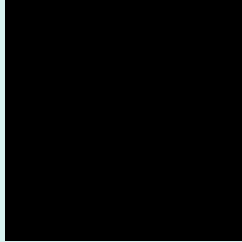
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

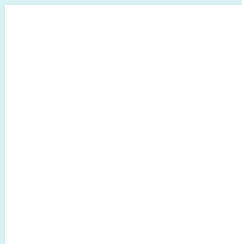
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5046, 84.2426, 94.7190

Background



This preview shows how black text looks on a background with the XYZ color 75.5046, 84.2426, 94.7190.



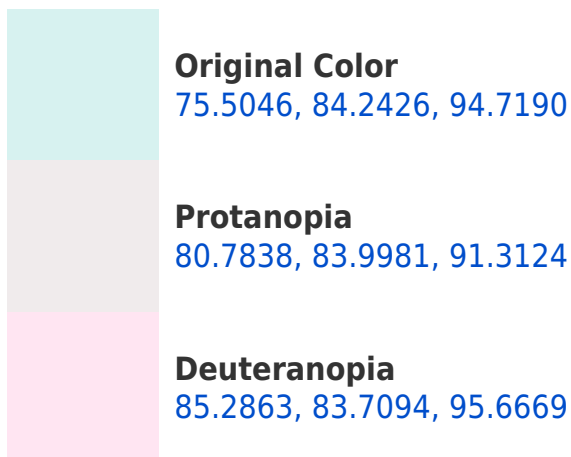
This preview shows how white text looks on a background with the XYZ color 75.5046, 84.2426, 94.7190.

94.7190.

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

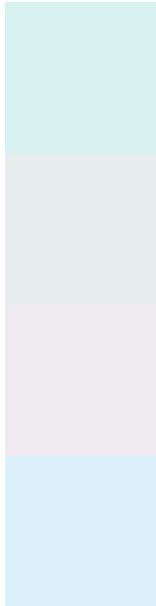




Tritanopia

78.7353, 84.3252, 106.7343

Trichromacy



Original Color

75.5046, 84.2426, 94.7190

Protanomaly

78.8156, 84.2524, 92.2291

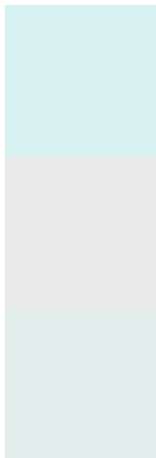
Deuteranomaly

81.2352, 83.7218, 95.0975

Tritanomaly

77.6288, 84.2824, 102.6191

Monochromacy



Original Color

75.5046, 84.2426, 94.7190

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.1031, 82.9554, 91.3051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5046, 84.2426, 94.7190 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(215, 242, 240)` looks like.

```
.text, #text, p{  
    color:rgb(215, 242, 240)  
}
```

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(215, 242, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 242, 240) }
```

Border

The CSS property to change the border of an element to XYZ 75.5046, 84.2426, 94.7190 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(215, 242, 240) }
```


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

```
.border{ border-color:rgb(215, 242, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 242, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 242, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 242, 240);  
box-shadow:4px 4px 4px 4px rgb(215, 242,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5046, 84.2426, 94.7190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 242, 240) }
```

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

```
.background{ background-color: rgb(215,  
242, 240) }
```

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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