

Converting Colors

XYZ(75.3179, 83.7095, 99.0101)

Have a look what the booklet for
XYZ(75.3179, 83.7095, 99.0101)
contains.

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Color

**XYZ(75.2412, 83.5615,
99.3521)**

Conversions

Conversions Part 1

Format	Color
Hex	D4F1F6
RGB	212, 241, 246
RGB Percent	83%, 95%, 96%
CMY	0.1686, 0.0549, 0.0353
CMYK	0.14, 0.02, 0.00, 0.04
HSL	189°, 65%, 90%
HSV	189°, 14%, 96%
XYZ	75.2412, 83.5615, 99.3521
YIQ	232.8990, -18.8890, -4.5930

Conversions

Conversions Part 2

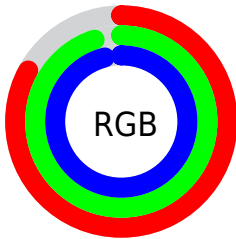
Format	Color
R _Y B	212, 228, 246
Decimal	13955574
CIE Lab	93.26, -8.41, -5.61
CIE LCh	93, 10.111, 213.676
Yxy	83.5615, 0.2915, 0.3237
Android (android.graphics.Color)	4292145654 (0xFFD4F1F6)
YUV	232.8990, 6.4588, -18.3284
Hunter-Lab	91.4120, -13.0476, -0.4516

Details

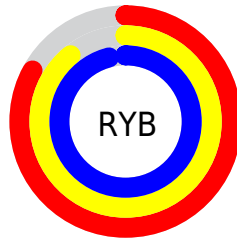
The XYZ color **75.2412, 83.5615, 99.3521** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.7030, 73.9716, 72.6294**, and the grayscale version is **77.3413, 81.3690, 88.6109**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5479, 45.5837, 55.3766** is the 20% darker color. If you saturate the color by 10%, you get **67.6241, 78.0640, 98.6938**, and if you desaturate by 10%, it is **83.9648, 89.6654, 100.0718**.

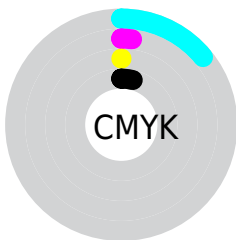
Distribution



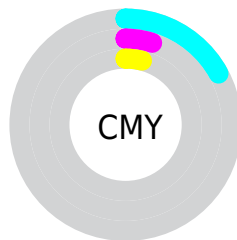
- Red (83%)
- Green (95%)
- Blue (96%)



- Red (83%)
- Yellow (89%)
- Blue (96%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (17%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2412, 83.5615, 99.3521 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 75.2412, 83.5615, 99.3521 by changing the saturation by 10% instead.

75.2412, 83.5615,
99.3521

75.2412, 83.5615,
99.3521

467.7306,
506.8560, 579.3424

56.1054, 62.6535,
75.1457

125.6398,
138.3616, 162.3106

40.5248, 45.5609,
55.2298

157.6333,
173.0225, 201.8999

28.1340, 31.8995,
39.1859

194.6434,
213.0364, 247.4537

18.5676, 21.2847,
26.5954

237.0355,
258.7878, 299.3909

11.4604, 13.3323,
17.0399

285.1749,
310.6611, 358.1297

6.4470, 7.6578,
10.1007

339.4270,

3.1620, 3.8767,

369.0406, 424.0889

5.3593

400.1571,
434.3108, 497.6870

■ 1.2400, 1.6049,
2.3972

■ 0.1376, 0.3609,
0.7849

■ 75.2412, 83.5615,
99.3521

■ 75.2412, 83.5615,
99.3521

■ 67.6241, 78.0640,
98.6938

■ 83.9648, 89.6654,
100.0718

■ 61.0573, 73.1372,
98.0889

■ 91.5146, 95.1936,
100.7409

■ 55.4908, 68.7571,
97.5369

■ 92.6383, 97.4409,
101.1155

■ 50.8672, 64.8942,
97.0349

■ 93.6348, 99.4339,
101.4477

■ 47.1237, 61.5156,
96.5801

■ 44.1890, 58.5848,
96.1691

■ 41.9811, 56.0590,
95.7979

■ 40.3997, 53.8864,
95.4619

■ 39.6445, 52.6734,
95.2676

Harmonies

Analogous

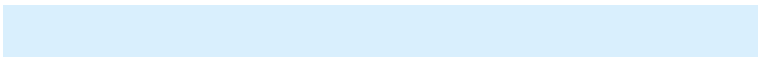
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.4263, 83.5615, 91.9268



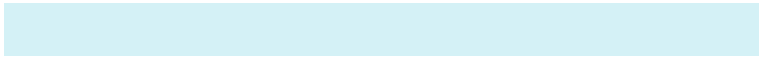
75.2412, 83.5615, 99.3521



77.1757, 83.5615, 104.7574

Triad

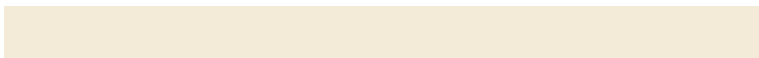
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2412, 83.5615, 99.3521



84.0966, 83.5615, 97.6369



79.0952, 83.5615, 77.1330

Complementary

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



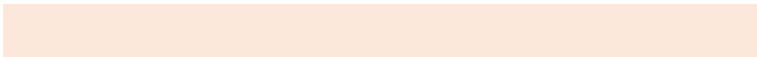
75.2412, 83.5615, 99.3521



74.7030, 73.9716, 72.6294

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.



81.7129, 83.5615, 78.4746



75.2412, 83.5615, 99.3521



84.6379, 83.5615, 90.0482

Square

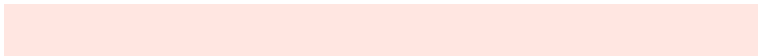
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.2412, 83.5615, 99.3521



82.2931, 83.5615, 103.7290



83.7563, 83.5615, 83.1000



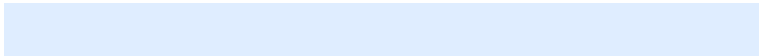
76.6198, 83.5615, 79.3287

Rectangle

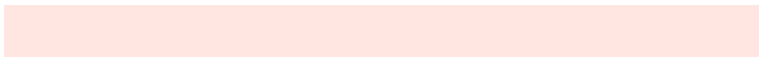
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.2412, 83.5615, 99.3521



78.8605, 83.5615, 106.3363



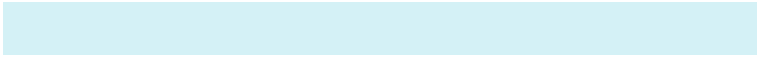
83.7563, 83.5615, 83.1000



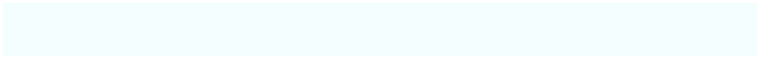
79.9875, 83.5615, 77.1858

Sweetspot

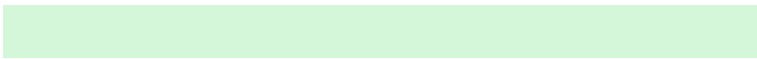
The Sweet Spot groups the original color and five complimentary colors.



75.2436, 83.5650, 99.3540



90.9201, 97.1639, 108.5702



72.5723, 84.8955, 77.8907



19.2992, 20.6855, 23.2255



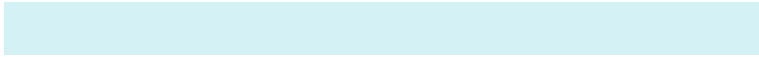
0.0000, 0.0000, 0.0000



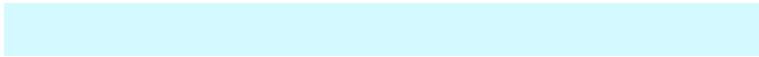
20.3446, 21.4041, 23.3091

Same Dimension

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



75.2436, 83.5650, 99.3540



78.8619, 88.6877, 107.5697



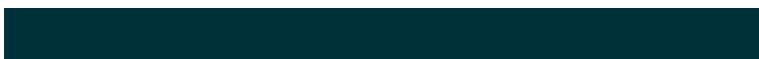
70.5685, 74.2148, 97.7956



16.7770, 18.3184, 21.1941



21.2417, 28.2772, 50.8765



1.9223, 2.5960, 4.4900

Inverse Universe

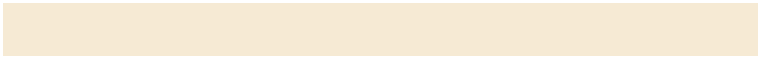
The Inverse Universe completely reimagines the original color for something new.



77.4286, 73.0323, 93.2389



81.7372, 74.9886, 99.4861



79.1812, 82.9280, 74.1221



17.1028, 16.7240, 20.2879



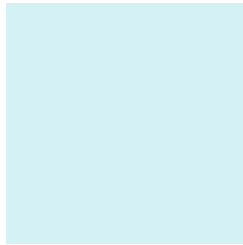
26.5263, 12.9540, 33.8097



2.3594, 1.1497, 3.1187

Previews

White Background



This preview shows how the XYZ color 75.2412, 83.5615, 99.3521 looks on a white background.

Color Contrast Check

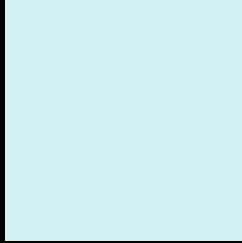
Large Text (above 18pt) WCAG AA × Fail

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 75.2412, 83.5615, 99.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

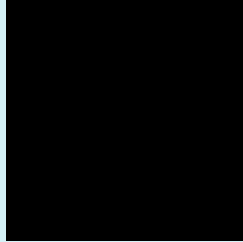
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.2412, 83.5615, 99.3521

Background



This preview shows how black text looks on a background with the XYZ color 75.2412, 83.5615, 99.3521.



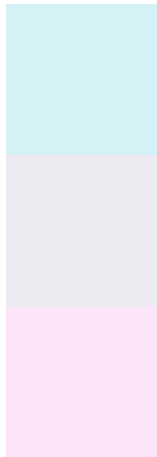
This preview shows how white text looks on a background with the XYZ color 75.2412, 83.5615,

99.3521.

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

75.2412, 83.5615, 99.3521

Protanopia

80.3749, 83.2610, 95.8392

Deuteranopia

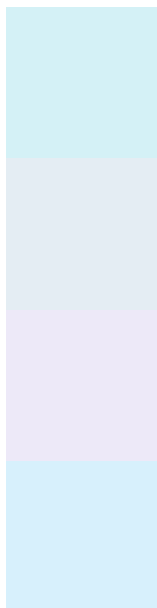
84.9872, 83.0218, 101.1680



Tritanopia

77.5318, 83.7047, 106.6780

Trichromacy



Original Color

75.2412, 83.5615, 99.3521

Protanomaly

78.4568, 83.5334, 96.7825

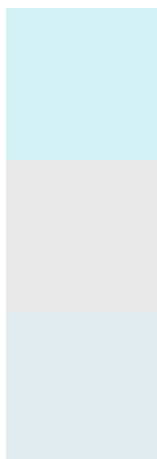
Deuteranomaly

81.0072, 83.0597, 100.5695

Tritanomaly

76.7551, 83.7955, 104.2242

Monochromacy



Original Color

75.2412, 83.5615, 99.3521

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.4794, 82.1715, 92.7187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2412, 83.5615, 99.3521 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(212, 241, 246)` looks like.

```
.text, #text, p{  
    color:rgb(212, 241, 246)  
}
```

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(212, 241, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 241, 246) }
```

Border

The CSS property to change the border of an element to XYZ 75.2412, 83.5615, 99.3521 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(212, 241, 246) }
```


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

```
.border{ border-color:rgb(212, 241, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 241, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 241, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 241, 246);  
box-shadow:4px 4px 4px 4px rgb(212, 241,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2412, 83.5615, 99.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 241, 246) }
```

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

```
.background{ background-color: rgb(212,  
241, 246) }
```

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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