

Converting Colors

XYZ(74.3349, 83.1989, 94.5792)

Have a look what the booklet for
XYZ(74.3349, 83.1989, 94.5792)
contains.

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Color

**XYZ(74.3349, 83.1989,
94.5792)**

Conversions

Conversions Part 1

Format	Color
Hex	D4F1F0
RGB	212, 241, 240
RGB Percent	83%, 95%, 94%
CMY	0.1686, 0.0549, 0.0588
CMYK	0.12, 0.00, 0.00, 0.05
HSL	178°, 51%, 89%
HSV	178°, 12%, 95%
XYZ	74.3349, 83.1989, 94.5792
YIQ	232.2150, -16.9630, -6.4590

Conversions

Conversions Part 2

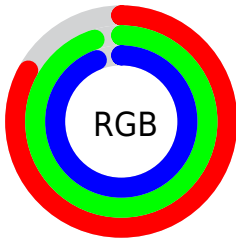
Format	Color
R _Y B	212, 227, 241
Decimal	13955568
CIE Lab	93.10, -9.60, -2.72
CIE LCh	93, 9.975, 195.835
Yxy	83.1989, 0.2948, 0.3300
Android (android.graphics.Color)	4292145648 (0xFFD4F1F0)
YUV	232.2150, 3.8380, -17.7286
Hunter-Lab	91.2134, -14.1539, 2.3716

Details

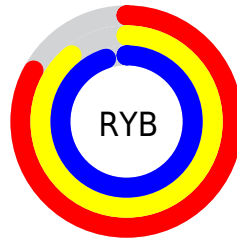
The XYZ color **74.3349, 83.1989, 94.5792** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.8324, 70.5942, 72.7947**, and the grayscale version is **76.8460, 80.8479, 88.0434**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9053, 45.3267, 51.9931** is the 20% darker color. If you saturate the color by 10%, you get **67.7765, 79.8344, 93.6288**, and if you desaturate by 10%, it is **81.9357, 87.1051, 95.5848**.

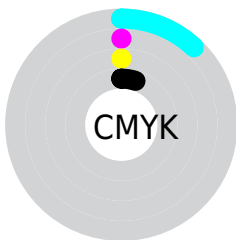
Distribution



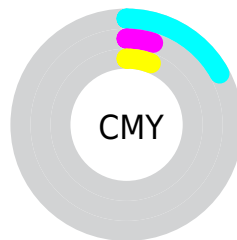
- Red (83%)
- Green (95%)
- Blue (94%)



- Red (83%)
- Yellow (89%)
- Blue (95%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (17%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3349, 83.1989, 94.5792 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 74.3349, 83.1989, 94.5792 by changing the saturation by 10% instead.

74.3349, 83.1989,
94.5792

74.3349, 83.1989,
94.5792

464.6609,
505.6492, 563.7668

55.3604, 62.3542,
71.1898

124.3634,
137.8540, 155.6737

39.9254, 45.3190,
52.0144

156.1481,
172.4332, 194.2159

27.6643, 31.7088,
36.6342

192.9337,
212.3595, 238.6462

18.2119, 21.1391,
24.6308

235.0854,
258.0171, 289.3830

11.2029, 13.2258,
15.5857

282.9686,
309.7904, 346.8449

6.2717, 7.5842,
9.0803

336.9487,

3.0532, 3.8301,

368.0640, 411.4505

4.6961

397.3910,
433.2221, 483.6183

■ 1.1820, 1.5790,
2.0145

■ 0.0921, 0.3433,
0.5641

■ 74.3349, 83.1989,
94.5792

■ 74.3349, 83.1989,
94.5792

■ 67.7765, 79.8344,
93.6288

■ 81.9357, 87.1051,
95.5848

■ 62.2074, 76.9777,
92.7260


■ 88.6742, 90.5646,
96.5513


■ 57.5809, 74.6068,
91.8702


■ 88.7995, 90.6147,
97.2113


■ 53.8436, 72.6942,
91.0590


■ 88.9254, 90.6650,
97.8742


 50.9366, 71.2096,
90.2897


 89.0519, 90.7156,
98.5402

 48.7942, 70.1192,
89.5590


 89.1789, 90.7665,
99.2093


 47.3406, 69.3837,
88.8636

 89.3065, 90.8175,
99.8813

 46.4846, 68.9562,
88.1990

 89.4347, 90.8688,
100.5564

 46.1172, 68.7778,
87.6864

 89.5635, 90.9203,
101.2344

Harmonies

Analogous

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



74.2985, 83.1989, 87.1082



74.3349, 83.1989, 94.5792



75.6235, 83.1989, 101.3260

Triad

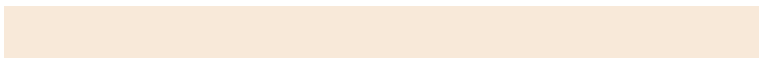
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3349, 83.1989, 94.5792



82.7431, 83.1989, 101.0063



80.3159, 83.1989, 77.3219

Complementary

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



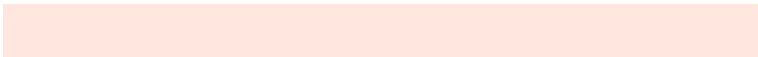
74.3349, 83.1989, 94.5792



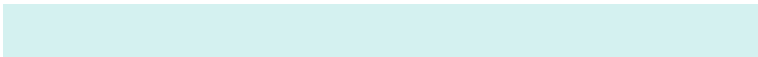
71.8324, 70.5942, 72.7947

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.



82.6362, 83.1989, 80.6395



74.3349, 83.1989, 94.5792



84.0583, 83.1989, 94.1623

Square

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



74.3349, 83.1989, 94.5792



80.4592, 83.1989, 105.1739



84.0188, 83.1989, 86.7135



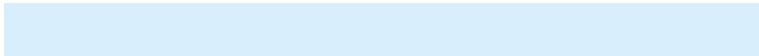
77.7129, 83.1989, 77.4197

Rectangle

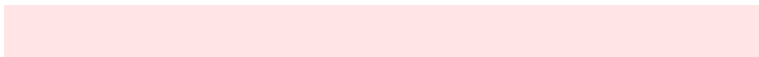
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



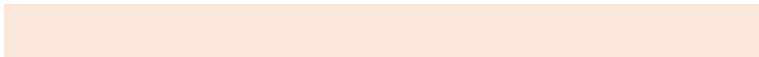
74.3349, 83.1989, 94.5792



77.0359, 83.1989, 104.3850



84.0188, 83.1989, 86.7135



81.1560, 83.1989, 78.0663

Sweetspot

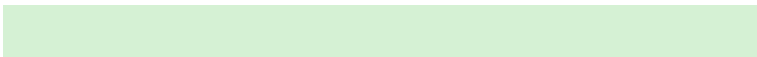
The Sweet Spot groups the original color and five complimentary colors.



74.3373, 83.2024, 94.5811



91.3397, 98.0938, 108.4301



70.9128, 81.8811, 74.3561



19.4058, 20.9218, 23.1898



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.



74.3373, 83.2024, 94.5811



82.9155, 93.7673, 107.2974



70.7607, 75.8100, 94.1264



16.2224, 17.9190, 20.1939



25.0181, 37.2992, 47.6056



2.0886, 3.1059, 3.9991

Inverse Universe

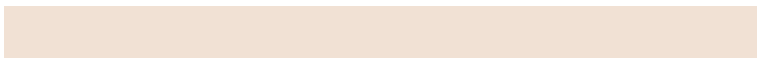
The Inverse Universe completely reimagines the original color for something new.



71.8324, 70.5942, 72.7947



79.6391, 77.2754, 78.8005



75.1010, 77.3347, 73.2578



15.7950, 15.7677, 16.4765



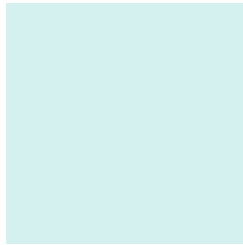
19.7063, 10.1549, 1.1039



1.6471, 0.8479, 0.1326

Previews

White Background



This preview shows how the XYZ color 74.3349, 83.1989, 94.5792 looks on a white background.

Color Contrast Check

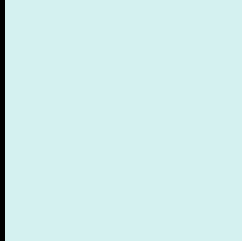
Large Text (above 18pt) WCAG AA × Fail

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 74.3349, 83.1989, 94.5792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

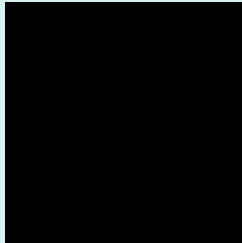
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

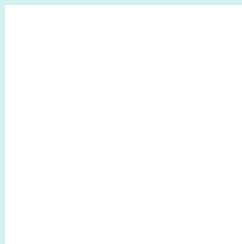
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3349, 83.1989, 94.5792

Background



This preview shows how black text looks on a background with the XYZ color 74.3349, 83.1989, 94.5792.



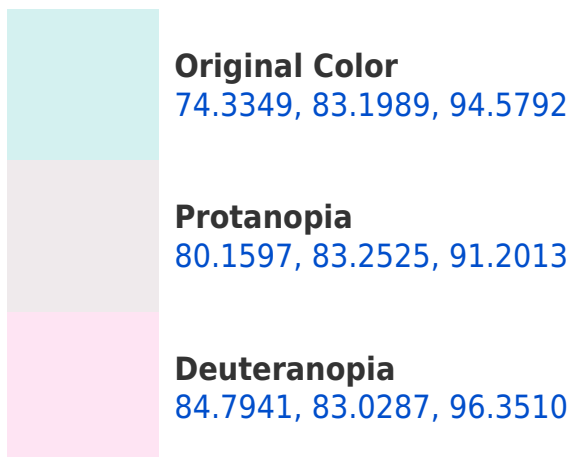
This preview shows how white text looks on a background with the XYZ color 74.3349, 83.1989,

94.5792.

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

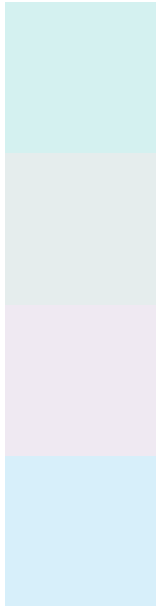




Tritanopia

77.2398, 83.1208, 106.5807

Trichromacy



Original Color

74.3349, 83.1989, 94.5792

Protanomaly

77.8833, 83.3408, 92.1023

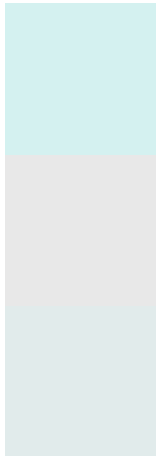
Deuteranomaly

80.7625, 83.0394, 95.7760

Tritanomaly

76.1462, 83.0822, 102.4656

Monochromacy



Original Color

74.3349, 83.1989, 94.5792

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.7551, 81.4224, 90.3206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3349, 83.1989, 94.5792 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(212, 241, 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(212, 241, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 241, 240) }
```

Border

The CSS property to change the border of an element to XYZ 74.3349, 83.1989, 94.5792 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, 240) }
```


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

```
.border{ border-color:rgb(212, 241, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 241, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 241, 240);  
box-shadow:4px 4px 4px 4px rgb(212, 241,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3349, 83.1989, 94.5792 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, 240) }
```

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

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