

Converting Colors

XYZ(76.1945, 83.9914, 95.1387)

Have a look what the booklet for
XYZ(76.1945, 83.9914, 95.1387)
contains.

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Color

**XYZ(76.2459, 84.1669,
95.4463)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF1F1
RGB	218, 241, 241
RGB Percent	85%, 95%, 95%
CMY	0.1451, 0.0549, 0.0549
CMYK	0.10, 0.00, 0.00, 0.05
HSL	180°, 45%, 90%
HSV	180°, 10%, 95%
XYZ	76.2459, 84.1669, 95.4463
YIQ	234.1230, -13.7080, -4.8760

Conversions

Conversions Part 2

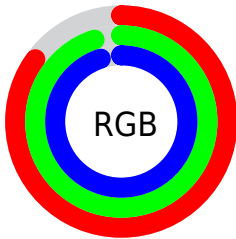
Format	Color
R _Y B	218, 230, 241
Decimal	14348785
CIE Lab	93.52, -7.50, -2.58
CIE LCh	94, 7.930, 198.962
Yxy	84.1669, 0.2980, 0.3290
Android (android.graphics.Color)	4292538865 (0xFFDAF1F1)
YUV	234.1230, 3.3904, -14.1399
Hunter-Lab	91.7425, -12.2006, 2.5361

Details

The XYZ color **76.2459, 84.1669, 95.4463** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.0050, 73.9078, 76.6987**, and the grayscale version is **78.2844, 82.3613, 89.6915**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2102, 45.9872, 52.6034** is the 20% darker color. If you saturate the color by 10%, you get **69.5566, 80.7208, 95.1320**, and if you desaturate by 10%, it is **83.9880, 88.1603, 95.8134**.

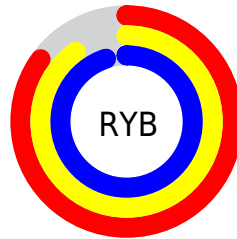
Distribution



Red (85%)

Green (95%)

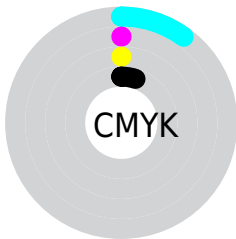
Blue (95%)



Red (85%)

Yellow (90%)

Blue (95%)

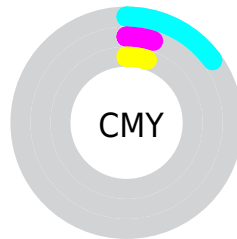


Cyan (10%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (15%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2459, 84.1669, 95.4463 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 76.2459, 84.1669, 95.4463 by changing the saturation by 10% instead.

76.2459, 84.1669,
95.4463

76.2459, 84.1669,
95.4463

471.1205,
508.8673, 566.6136

56.9319, 63.1532,
71.9075

127.0529,
139.2086, 156.8819

41.1905, 45.9652,
52.5968

159.2767,
174.0055, 195.6159

28.6563, 32.2184,
37.0955

196.5345,
214.1655, 240.2520

18.9639, 21.5283,
24.9850

239.1916,
260.0731, 291.2088

11.7481, 13.5107,
15.8470

287.6134,
312.1127, 348.9048

6.6434, 7.7812,
9.2628

342.1652,

3.2844, 3.9552,

370.6687, 413.7585

4.8138

403.2125,
436.1254, 486.1886

■ 1.3059, 1.6486,
2.0816

■ 0.1876, 0.3900,
0.6048

■ 76.2459, 84.1669,
95.4463

■ 76.2459, 84.1669,
95.4463

■ 69.5566, 80.7208,
95.1320

■ 83.9880, 88.1603,
95.8134

■ 63.8677, 77.7881,
94.8627

■ 88.5755, 90.5252,
96.0311

■ 59.1334, 75.3476,
94.6382

■ 88.5760, 90.5254,
96.0341

■ 55.3015, 73.3722,
94.4558

■ 88.5766, 90.5256,
96.0372

■ 52.3145, 71.8325,
94.3130

■ 88.5772, 90.5259,
96.0402

■ 50.1088, 70.6954,
94.2068

■ 88.5778, 90.5261,
96.0432

■ 48.6113, 69.9235,
94.1337

■ 88.5783, 90.5263,
96.0463

■ 47.7355, 69.4721,
94.0897

■ 88.5789, 90.5266,
96.0493

■ 47.3428, 69.2697,
94.0683

■ 88.5795, 90.5268,
96.0524

Harmonies

Analogous

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



76.1064, 84.1669, 89.4507



76.2459, 84.1669, 95.4463



77.3805, 84.1669, 100.6303

Triad

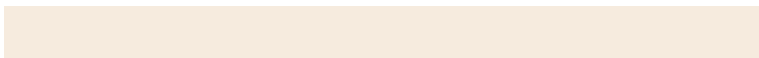
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2459, 84.1669, 95.4463



83.0774, 84.1669, 99.4344



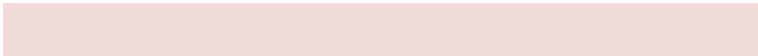
80.7724, 84.1669, 80.7726

Complementary

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



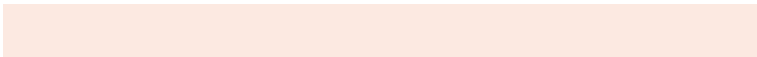
76.2459, 84.1669, 95.4463



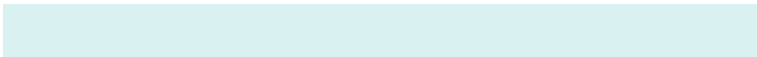
74.0050, 73.9078, 76.6987

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.



82.6741, 84.1669, 83.2082



76.2459, 84.1669, 95.4463



84.0203, 84.1669, 93.8717

Square

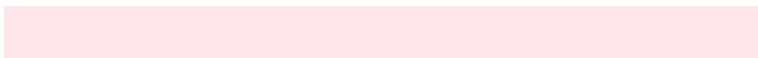
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2459, 84.1669, 95.4463



81.3152, 84.1669, 103.0014



83.8715, 84.1669, 87.9430



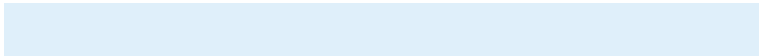
78.6954, 84.1669, 81.1527

Rectangle

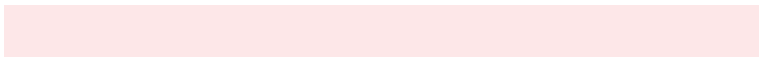
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.2459, 84.1669, 95.4463



78.5597, 84.1669, 102.8468



83.8715, 84.1669, 87.9430



81.4540, 84.1669, 81.2848

Sweetspot

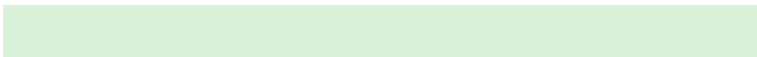
The Sweet Spot groups the original color and five complimentary colors.



76.2483, 84.1704, 95.4482



92.2911, 98.5778, 108.7699



73.1408, 82.9407, 78.4852



19.6003, 21.0204, 23.2740



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.



76.2483, 84.1704, 95.4482



85.4721, 95.0625, 108.4480



73.0574, 77.7877, 94.3872



16.2473, 17.9290, 20.3253



25.6643, 37.5577, 51.0085



2.1351, 3.1245, 4.2436

Inverse Universe

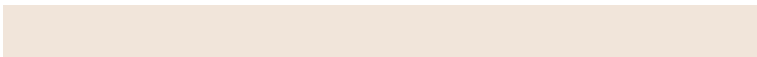
The Inverse Universe completely reimagines the original color for something new.



74.0050, 73.9078, 76.6987



82.5543, 81.7144, 84.0615



76.9852, 79.8689, 77.6897



15.7730, 15.7589, 16.3607



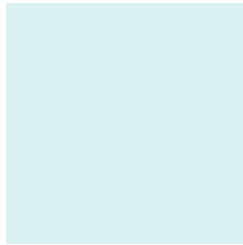
19.6716, 10.1411, 0.9215



1.6365, 0.8437, 0.0768

Previews

White Background



This preview shows how the XYZ color 76.2459, 84.1669, 95.4463 looks on a white background.

Color Contrast Check

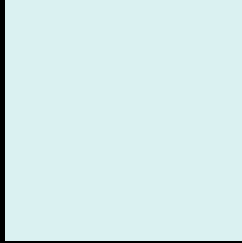
Large Text (above 18pt) WCAG AA × Fail

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 76.2459, 84.1669, 95.4463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

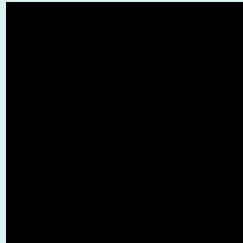
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

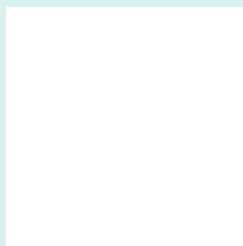
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2459, 84.1669, 95.4463

Background



This preview shows how black text looks on a background with the XYZ color 76.2459, 84.1669, 95.4463.



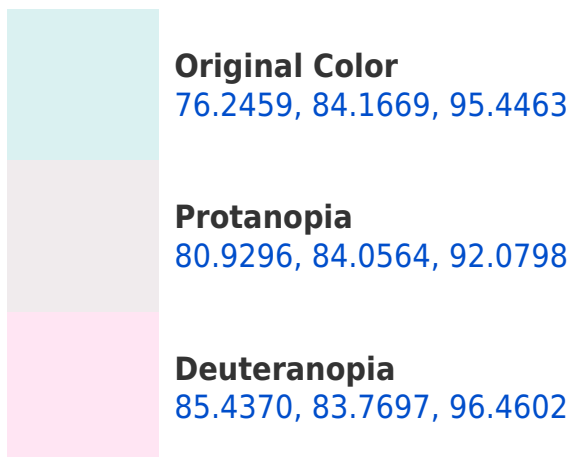
This preview shows how white text looks on a background with the XYZ color 76.2459, 84.1669,

95.4463.

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

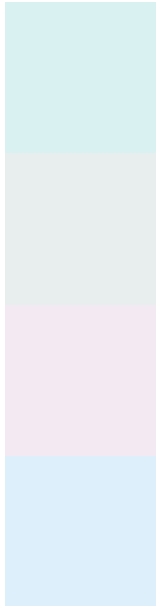




Tritanopia

79.0560, 84.0570, 106.6657

Trichromacy



Original Color

76.2459, 84.1669, 95.4463

Protanomaly

78.9955, 83.8972, 92.9192

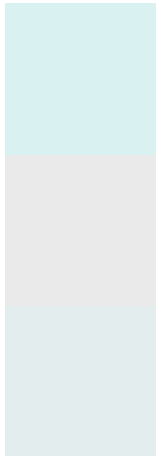
Deuteranomaly

81.7839, 83.5659, 95.8238

Tritanomaly

77.9406, 84.0073, 102.5496

Monochromacy



Original Color

76.2459, 84.1669, 95.4463

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.5652, 83.1768, 92.0874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2459, 84.1669, 95.4463 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(218, 241, 241)` looks like.

```
.text, #text, p{  
    color:rgb(218, 241, 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(218, 241, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 241, 241) }
```

Border

The CSS property to change the border of an element to XYZ 76.2459, 84.1669, 95.4463 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(218, 241, 241) }
```


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

```
.border{ border-color:rgb(218, 241, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 241, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 241, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 241, 241);  
box-shadow:4px 4px 4px 4px rgb(218, 241,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2459, 84.1669, 95.4463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 241, 241) }
```

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

```
.background{ background-color: rgb(218,  
241, 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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