

Converting Colors

XYZ(75.9507, 83.5765, 95.3479)

Have a look what the booklet for
XYZ(75.9507, 83.5765, 95.3479)
contains.

XYZ(75.9507, 83.5765, 95.3479)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.9507, 83.5765,
95.3479)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF0F1
RGB	218, 240, 241
RGB Percent	85%, 94%, 95%
CMY	0.1451, 0.0588, 0.0549
CMYK	0.10, 0.00, 0.00, 0.05
HSL	183°, 45%, 90%
HSV	183°, 10%, 95%
XYZ	75.9507, 83.5765, 95.3479
YIQ	233.5360, -13.4330, -4.3530

Conversions

Conversions Part 2

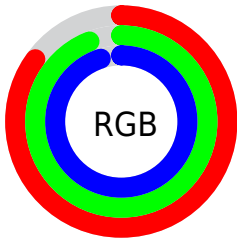
Format	Color
R _Y B	218, 229, 241
Decimal	14348529
CIE Lab	93.27, -6.99, -2.95
CIE LCh	93, 7.591, 202.895
Yxy	83.5765, 0.2980, 0.3279
Android (android.graphics.Color)	4292538609 (0xFFDAF0F1)
YUV	233.5360, 3.6798, -13.6251
Hunter-Lab	91.4202, -11.6898, 2.1568

Details

The XYZ color **75.9507, 83.5765, 95.3479** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.2624, 74.4252, 76.7824**, and the grayscale version is **77.8384, 81.8921, 89.1805**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0017, 45.5703, 52.5339** is the 20% darker color. If you saturate the color by 10%, you get **68.9555, 79.5177, 94.9345**, and if you desaturate by 10%, it is **84.0003, 88.1861, 95.8147**.

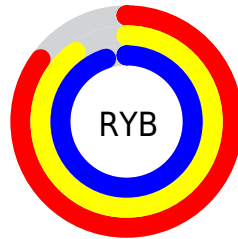
Distribution



Red (85%)

Green (94%)

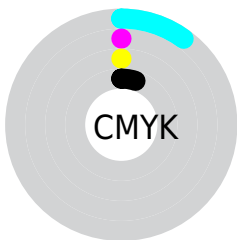
Blue (95%)



Red (85%)

Yellow (90%)

Blue (95%)

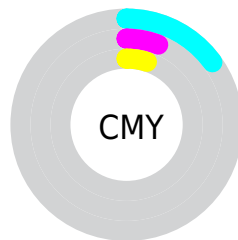


Cyan (10%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (15%)

Magenta (6%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9507, 83.5765, 95.3479 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 75.9507, 83.5765, 95.3479 by changing the saturation by 10% instead.

75.9507, 83.5765,
95.3479

75.9507, 83.5765,
95.3479

470.1259,
506.9058, 566.2909

56.6890, 62.6658,
71.8261

126.6379,
138.3826, 156.7449

40.9948, 45.5709,
52.5306

158.7942,
173.0469, 195.4571

28.5026, 31.9074,
37.0431

195.9793,
213.0644, 240.0699

18.8473, 21.2908,
24.9448

238.5587,
258.8197, 291.0017

11.6633, 13.3367,
15.8173

286.8977,
310.6971, 348.6712

6.5854, 7.6608,
9.2420

341.3617,

3.2482, 3.8787,

369.0810, 413.4969

4.8004

402.3160,
434.3558, 485.8973

■ 1.2863, 1.6059,
2.0739

■ 0.1730, 0.3616,
0.6002

■ 75.9507, 83.5765,
95.3479

■ 75.9507, 83.5765,
95.3479

■ 68.9555, 79.5177,
94.9345

■ 84.0003, 88.1861,
95.8147

■ 62.9626, 75.9759,
94.5667

■ 88.8973, 91.1707,
96.1327

■ 57.9260, 72.9298,
94.2442

■ 89.2091, 91.7943,
96.2366

■ 53.7935, 70.3523,
93.9645

■ 89.5226, 92.4214,
96.3411

■ 50.5077, 68.2139,
93.7249

■ 89.8380, 93.0521,
96.4462

■ 48.0049, 66.4818,
93.5225

■ 90.1551, 93.6863,
96.5519

■ 46.2120, 65.1182,
93.3538

■ 90.4740, 94.3241,
96.6582

■ 45.0425, 64.0787,
93.2148

■ 90.7947, 94.9655,
96.7651

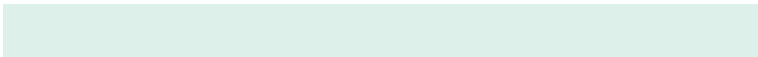
■ 44.3580, 63.2917,
93.0990

■ 91.1172, 95.6104,
96.8726

Harmonies

Analogous

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



75.6859, 83.5765, 89.6468



75.9507, 83.5765, 95.3479



77.1422, 83.5765, 100.0591

Triad

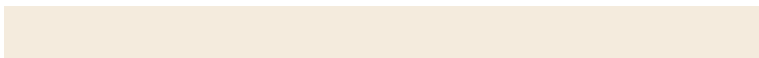
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9507, 83.5765, 95.3479



82.5400, 83.5765, 97.7997



79.9130, 83.5765, 80.5150

Complementary

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



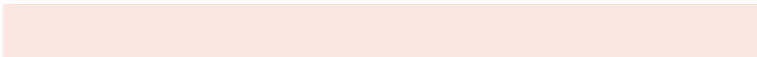
75.9507, 83.5765, 95.3479



74.2624, 74.4252, 76.7824

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.



81.7768, 83.5765, 82.5060



75.9507, 83.5765, 95.3479



83.3099, 83.5765, 92.3680

Square

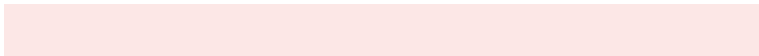
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9507, 83.5765, 95.3479



80.9407, 83.5765, 101.5156



83.0283, 83.5765, 86.7875



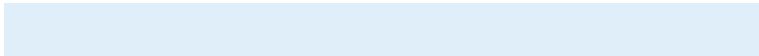
77.9519, 83.5765, 81.2380

Rectangle

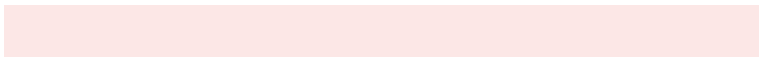
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



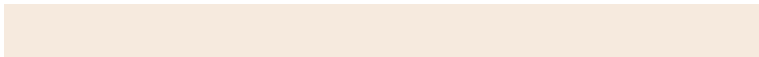
75.9507, 83.5765, 95.3479



78.3126, 83.5765, 101.9249



83.0283, 83.5765, 86.7875



80.5721, 83.5765, 80.8861

Sweetspot

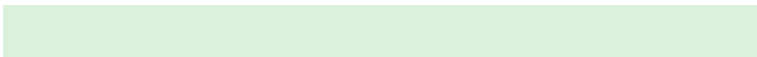
The Sweet Spot groups the original color and five complimentary colors.



75.9531, 83.5800, 95.3498



92.1857, 98.3666, 108.7357



73.1255, 82.9196, 79.0092



19.5717, 20.9631, 23.2647



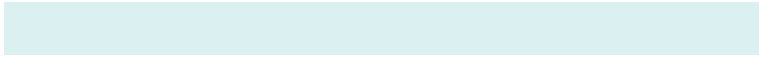
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



75.9531, 83.5800, 95.3498



85.0864, 94.2900, 108.3230



72.7375, 77.1488, 94.2779



16.1853, 17.8047, 20.3052



24.0660, 34.3563, 50.4909



2.0201, 2.8942, 4.2064

Inverse Universe

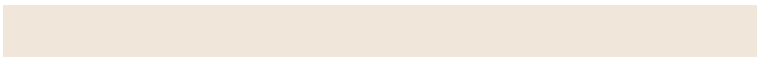
The Inverse Universe completely reimagines the original color for something new.



77.0770, 75.1364, 92.8826



86.5504, 83.3128, 105.1048



77.3029, 80.5063, 77.7959



16.4230, 16.0189, 19.7835



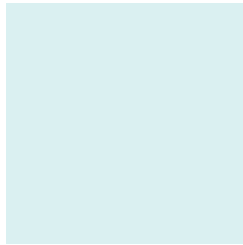
27.4730, 13.2616, 42.0032



2.2946, 1.1069, 3.5422

Previews

White Background



This preview shows how the XYZ color 75.9507, 83.5765, 95.3479 looks on a white background.

Color Contrast Check

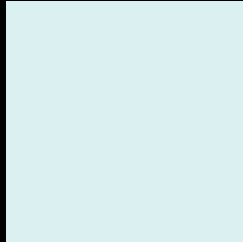
Large Text (above 18pt) WCAG AA × Fail

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 75.9507, 83.5765, 95.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

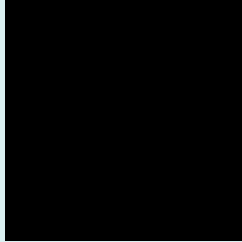
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

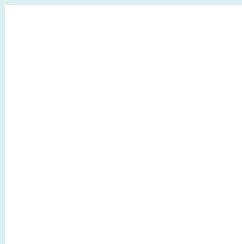
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9507, 83.5765, 95.3479

Background



This preview shows how black text looks on a background with the XYZ color 75.9507, 83.5765, 95.3479.



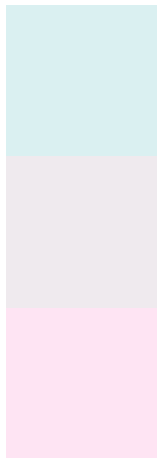
This preview shows how white text looks on a background with the XYZ color 75.9507, 83.5765,

95.3479.

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

75.9507, 83.5765, 95.3479

Protanopia

80.4520, 83.3694, 92.7405

Deuteranopia

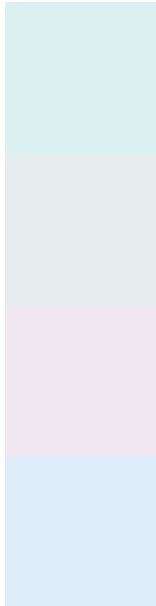
84.7941, 83.0287, 96.3510



Tritanopia

78.4584, 83.3180, 106.5545

Trichromacy



Original Color

75.9507, 83.5765, 95.3479

Protanomaly

78.5304, 83.2118, 93.5838

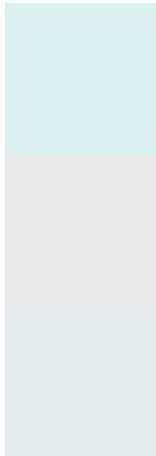
Deuteranomaly

81.1593, 82.8248, 95.7136

Tritanomaly

77.6486, 83.4234, 102.4523

Monochromacy



Original Color

75.9507, 83.5765, 95.3479

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.2764, 82.5993, 91.9911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9507, 83.5765, 95.3479 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, 240, 241)` looks like.

```
.text, #text, p{  
    color:rgb(218, 240, 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, 240, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 240, 241) }
```

Border

The CSS property to change the border of an element to XYZ 75.9507, 83.5765, 95.3479 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, 240, 241) }
```


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

```
.border{ border-color:rgb(218, 240, 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, 240, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 240, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 240, 241);  
box-shadow:4px 4px 4px 4px rgb(218, 240,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9507, 83.5765, 95.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 240, 241) }
```

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

```
.background{ background-color: rgb(218,  
240, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor