

Converting Colors

XYZ(66.7725, 75.3908, 95.8266)

Have a look what the booklet for
XYZ(66.7725, 75.3908, 95.8266)
contains.

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Color

**XYZ(66.7725, 75.3908,
95.8266)**

Conversions

Conversions Part 1

Format	Color
Hex	C0E8F3
RGB	192, 232, 243
RGB Percent	75%, 91%, 95%
CMY	0.2470, 0.0902, 0.0471
CMYK	0.21, 0.05, 0.00, 0.05
HSL	193°, 68%, 85%
HSV	193°, 21%, 95%
XYZ	66.7725, 75.3908, 95.8266
YIQ	221.2940, -27.3710, -5.0590

Conversions

Conversions Part 2

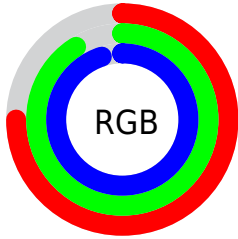
Format	Color
R _Y B	192, 214, 243
Decimal	12642547
CIE Lab	89.58, -10.58, -9.64
CIE LCh	90, 14.313, 222.317
Yxy	75.3908, 0.2806, 0.3168
Android (android.graphics.Color)	4290832627 (0xFFC0E8F3)
YUV	221.2940, 10.7011, -25.6908
Hunter-Lab	86.8279, -14.6785, -4.6552

Details

The XYZ color **66.7725, 75.3908, 95.8266** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.8332, 65.5724, 58.9522**, and the grayscale version is **68.8765, 72.4634, 78.9127**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **34.9762, 40.0418, 52.8991** is the 20% darker color. If you saturate the color by 10%, you get **59.6679, 69.5731, 95.0793**, and if you desaturate by 10%, it is **74.9414, 81.8263, 96.6395**.

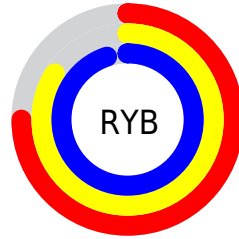
Distribution



Red (75%)

Green (91%)

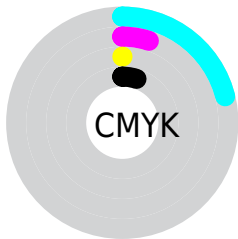
Blue (95%)



Red (75%)

Yellow (84%)

Blue (95%)

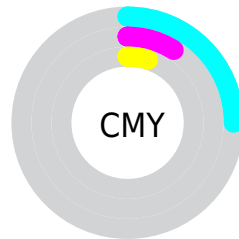


Cyan (21%)

Magenta (5%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (9%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7725, 75.3908, 95.8266 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 66.7725, 75.3908, 95.8266 by changing the saturation by 10% instead.

■ 66.7725, 75.3908,
95.8266

■ 66.7725, 75.3908,
95.8266

438.5798,
479.2597, 567.8597

■ 49.1698, 55.9331,
72.2225

■ 113.6460,
126.8654, 157.4115

■ 34.9693, 40.1493,
52.8525

143.6474,
159.6511, 196.2293

■ 23.8056, 27.6550,
37.2981

178.5125,
197.6483, 240.9554

■ 15.3134, 18.0657,
25.1408

218.6066,
241.2413, 292.0084

■ 9.1274, 10.9972,
15.9620

264.2950,
290.8145, 349.8068

■ 4.8822, 6.0649,
9.3432

315.9431,

■ 2.2123, 2.8846,

346.7524, 414.7691

4.8659

373.9162,
409.4394, 487.3139

■ 0.7492, 1.0718,
2.1114

■ 0.0000, 0.0000,
0.6225

■ 66.7725, 75.3908,
95.8266

■ 66.7725, 75.3908,
95.8266

■ 59.6679, 69.5731,
95.0793

■ 74.9414, 81.8263,
96.6395

■ 53.5707, 64.3375,
94.3901

■ 84.2146, 88.8951,
97.5151

■ 48.4287, 59.6585,
93.7580

■ 90.9005, 94.6964,
98.2825

■ 44.1823, 55.5047,
93.1801

■ 92.5318, 97.9589,
98.8262

■ 40.7647, 51.8412,
92.6531

■ 93.1779, 99.2512,
99.0416

■ 38.0994, 48.6280,
92.1733

■ 36.0949, 45.8173,
91.7364

■ 34.7224, 43.5602,
91.3731

Harmonies

Analogous

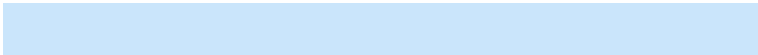
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.2519, 75.3908, 86.2882



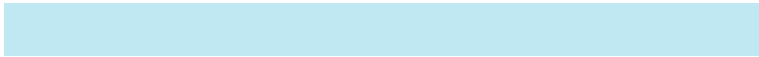
66.7725, 75.3908, 95.8266



69.6225, 75.3908, 101.9536

Triad

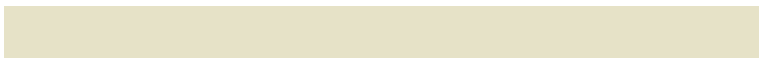
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.7725, 75.3908, 95.8266



78.2936, 75.3908, 88.1112



70.2240, 75.3908, 64.5855

Complementary

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



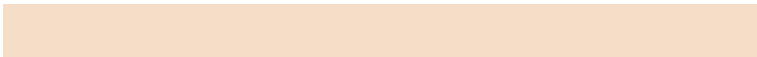
66.7725, 75.3908, 95.8266



67.8332, 65.5724, 58.9522

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.



73.7301, 75.3908, 64.9862



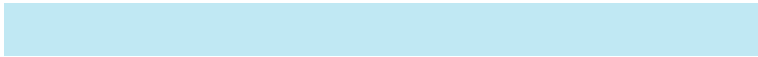
66.7725, 75.3908, 95.8266



78.4675, 75.3908, 78.0259

Square

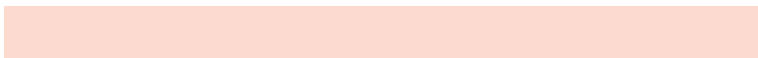
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



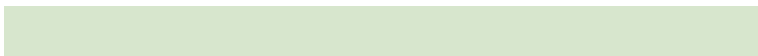
66.7725, 75.3908, 95.8266



76.3057, 75.3908, 97.2548



76.7734, 75.3908, 69.7292



67.2004, 75.3908, 68.5858

Rectangle

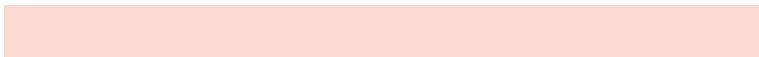
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



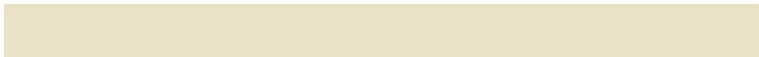
66.7725, 75.3908, 95.8266



71.9304, 75.3908, 102.9960



76.7734, 75.3908, 69.7292



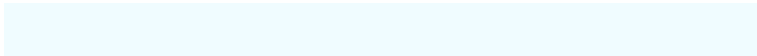
71.3837, 75.3908, 64.2198

Sweetspot

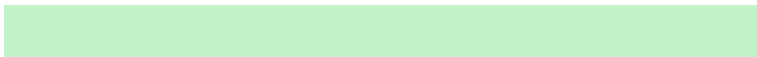
The Sweet Spot groups the original color and five complimentary colors.



66.7747, 75.3939, 95.8283



88.6000, 95.1259, 108.2992



64.4746, 79.5828, 67.9657



18.8197, 20.2507, 23.1668



0.0000, 0.0000, 0.0000



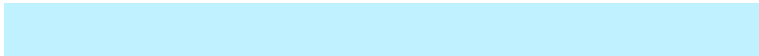
20.3446, 21.4041, 23.3091

Same Dimension

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



66.7747, 75.3939, 95.8283



71.1293, 81.3898, 106.5686



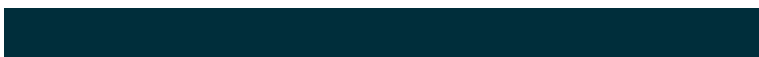
60.3029, 62.4502, 93.6710



16.6758, 18.1158, 21.1604



19.1595, 24.1127, 50.1824



1.7575, 2.2664, 4.4351

Inverse Universe

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



70.3790, 62.5818, 84.7176



75.8405, 64.9968, 91.9664



74.1388, 78.1837, 61.0541



17.0517, 16.7035, 20.0186



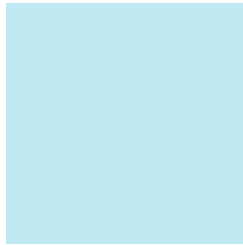
25.4753, 12.5336, 28.2752



2.2762, 1.1164, 2.6807

Previews

White Background



This preview shows how the XYZ color 66.7725, 75.3908, 95.8266 looks on a white background.

Color Contrast Check

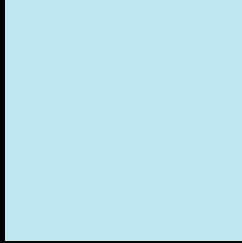
Large Text (above 18pt) WCAG AA × Fail

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 66.7725, 75.3908, 95.8266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

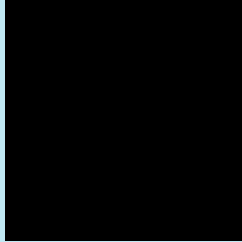
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.7725, 75.3908, 95.8266

Background



This preview shows how black text looks on a background with the XYZ color 66.7725, 75.3908, 95.8266.

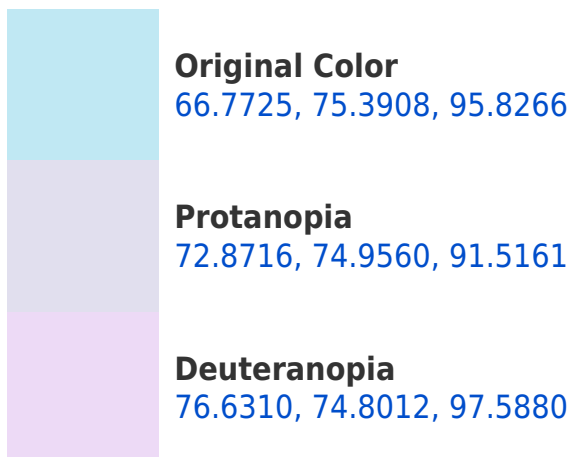


This preview shows how white text looks on a background with the XYZ color 66.7725, 75.3908,

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

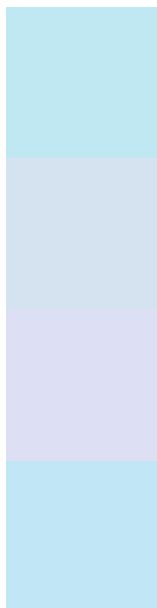




Tritanopia

67.6671, 75.3288, 100.5960

Trichromacy



Original Color

66.7725, 75.3908, 95.8266

Protanomaly

70.3651, 74.8301, 93.1731

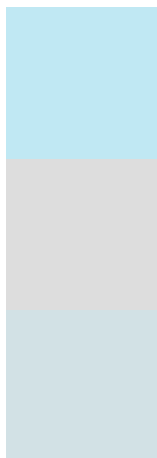
Deuteranomaly

72.6879, 74.7401, 96.9814

Tritanomaly

67.3567, 75.2047, 98.9616

Monochromacy



Original Color

66.7725, 75.3908, 95.8266

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.6464, 73.2092, 84.6942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7725, 75.3908, 95.8266 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(192, 232, 243)` looks like.

```
.text, #text, p{  
    color:rgb(192, 232, 243)  
}
```

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(192, 232, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 232, 243) }
```

Border

The CSS property to change the border of an element to XYZ 66.7725, 75.3908, 95.8266 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(192, 232, 243) }
```


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

```
.border{ border-color:rgb(192, 232, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 232, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 232, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 232, 243);  
box-shadow:4px 4px 4px 4px rgb(192, 232,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7725, 75.3908, 95.8266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 232, 243) }
```

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

```
.background{ background-color: rgb(192,  
232, 243) }
```

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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