

Converting Colors

XYZ(57.3820, 38.4592, 95.6663)

Have a look what the booklet for
XYZ(57.3820, 38.4592, 95.6663)
contains.

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Color

**XYZ(57.3793, 38.4553,
95.6652)**

Conversions

Conversions Part 1

Format	Color
Hex	E67DFB
RGB	230, 125, 251
RGB Percent	90%, 49%, 98%
CMY	0.0980, 0.5098, 0.0157
CMYK	0.08, 0.50, 0.00, 0.02
HSL	290°, 94%, 74%
HSV	290°, 50%, 98%
XYZ	57.3793, 38.4553, 95.6652
YIQ	170.7590, 22.1340, 61.4460

Conversions

Conversions Part 2

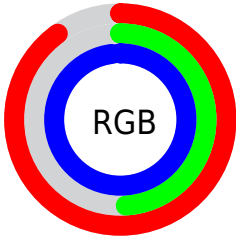
Format	Color
R _{YB}	230, 125, 251
Decimal	15105531
CIE Lab	68.35, 58.98, -46.12
CIE LCh	68, 74.870, 321.979
Yxy	38.4553, 0.2996, 0.2008
Android (android.graphics.Color)	4293295611 (0xFFE67DFB)
YUV	170.7590, 39.5588, 51.9544
Hunter-Lab	62.0123, 56.6424, -48.0569

Details

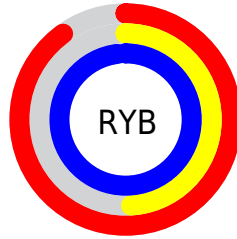
The XYZ color **57.3793, 38.4553, 95.6652** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **50.0542, 76.5870, 31.5485**, and the grayscale version is **38.3895, 40.3887, 43.9833**.

A 20% lighter version of the original color is **75.8139, 61.5277, 102.4880**, and **28.9410, 17.0460, 52.8038** is the 20% darker color. If you saturate the color by 10%, you get **53.2679, 32.2007, 94.6752**, and if you desaturate by 10%, it is **62.3284, 46.3352, 96.9259**.

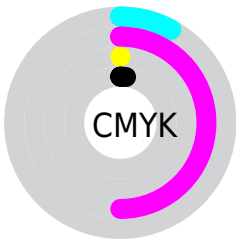
Distribution



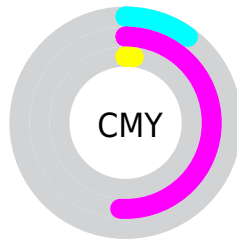
- Red (90%)
- Green (49%)
- Blue (98%)



- Red (90%)
- Yellow (49%)
- Blue (98%)



- Cyan (8%)
- Magenta (50%)
- Yellow (0%)
- Black (2%)





- Cyan (10%)
- Magenta (51%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3793, 38.4553, 95.6652 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 57.3793, 38.4553, 95.6652 by changing the saturation by 10% instead.


 57.3793, 38.4553,
95.6652


 57.3793, 38.4553,
95.6652


404.8603,
339.5691, 567.3310


 41.5512, 26.3363,
72.0888

 100.1466, 72.8055,
157.1868

 28.9396, 17.0754,
52.7439

 127.8165, 95.8054,
195.9690

 19.1792, 10.2882,
37.2121


 160.1643,
123.2010, 240.6569

 11.9046, 5.5905,
25.0747

197.5555,
155.3768, 291.6691

 6.7505, 2.5977,
15.9132

240.3553,
192.7171, 349.4241

 3.3515, 0.9255,
9.3090

288.9291,

 1.3422, 0.0000,

235.6063, 414.3403

4.8437

343.6424,
284.4288, 486.8365

■ 0.2145, 0.0000,
2.0987

■ 0.0000, 0.0000,
0.6150

■ 57.3793, 38.4553,
95.6652

■ 57.3793, 38.4553,
95.6652

■ 53.2679, 32.2007,
94.6752

■ 62.3284, 46.3352,
96.9259

■ 49.9282, 27.4429,
93.9329

■ 68.1664, 55.9460,
98.4733

■ 47.2905, 24.0422,
93.4155

■ 74.9454, 67.3903,
100.3250

■ 45.2705, 21.8299,
93.0950

■ 82.7121, 80.7611,
102.4964

■ 43.7547, 20.5449,
92.9268

■ 91.5099, 96.1450,
105.0022

■ 94.4127, 99.7451,
105.5440

Harmonies

Analogous

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



45.6691, 38.4553, 135.0158



57.3793, 38.4553, 95.6652



63.7772, 38.4553, 51.5578

Triad

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



57.3793, 38.4553, 95.6652



39.7925, 38.4553, 4.9337



19.3564, 38.4553, 71.0353

Complementary

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



57.3793, 38.4553, 95.6652



50.0542, 76.5870, 31.5485

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.



18.4416, 38.4553, 33.4810



57.3793, 38.4553, 95.6652



28.7346, 38.4553, 5.9772

Square

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



57.3793, 38.4553, 95.6652



52.2965, 38.4553, 8.7960



21.4927, 38.4553, 13.3359



24.3325, 38.4553, 116.2642

Rectangle

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



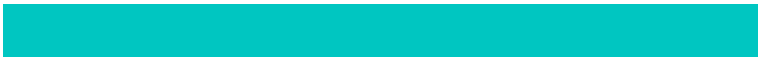
57.3793, 38.4553, 95.6652



63.3855, 38.4553, 29.8329



21.4927, 38.4553, 13.3359



18.6138, 38.4553, 56.7777

Sweetspot

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



57.3807, 38.4570, 95.6660



81.7319, 76.7878, 105.1215



36.1505, 31.8846, 95.5164



17.1346, 15.8180, 22.4000



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.



57.3807, 38.4570, 95.6660



55.2744, 33.4632, 98.1535



58.6271, 39.7815, 64.9117



17.6924, 17.3696, 21.8055



23.1063, 10.8544, 48.8508



2.2130, 1.0429, 4.5278

Inverse Universe

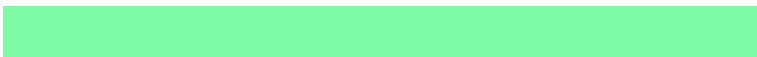
The Inverse Universe completely reimagines the original color for something new.



52.3068, 37.2534, 31.6296



49.8548, 32.3081, 23.8583



49.9310, 76.1454, 48.6269



17.3626, 17.2724, 18.4993



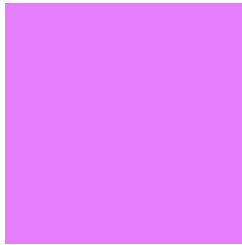
21.1652, 10.8818, 2.3125



1.9927, 1.0208, 0.3849

Previews

White Background



This preview shows how the XYZ color 57.3793, 38.4553, 95.6652 looks on a white background.

Color Contrast Check

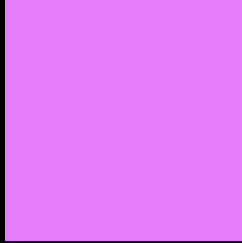
Large Text (above 18pt) WCAG AA × Fail

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 57.3793, 38.4553, 95.6652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

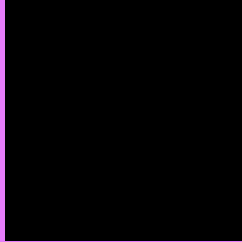
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3793, 38.4553, 95.6652

Background



This preview shows how black text looks on a background with the XYZ color 57.3793, 38.4553, 95.6652.



This preview shows how white text looks on a background with the XYZ color 57.3793, 38.4553,

95.6652.

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

57.3793, 38.4553, 95.6652

Protanopia

40.9983, 38.7575, 99.9278

Deuteranopia

39.8056, 38.8944, 90.2034



Tritanopia

45.3070, 38.1224, 37.7713

Trichromacy



Original Color

57.3793, 38.4553, 95.6652



Protanomaly

44.9442, 37.2933, 98.5954



Deuteranomaly

44.2787, 37.3331, 92.0610



Tritanomaly

48.8712, 37.8006, 54.5896

Monochromacy



Original Color

57.3793, 38.4553, 95.6652



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

43.7192, 38.4878, 59.7682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3793, 38.4553, 95.6652 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(230, 125, 251)` looks like.

```
.text, #text, p{  
    color:rgb(230, 125, 251)  
}
```

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(230, 125, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 125, 251) }
```

Border

The CSS property to change the border of an element to XYZ 57.3793, 38.4553, 95.6652 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(230, 125, 251) }
```


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

```
.border{ border-color:rgb(230, 125, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 125, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 125, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 125, 251);  
box-shadow:4px 4px 4px 4px rgb(230, 125,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3793, 38.4553, 95.6652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 125, 251) }
```

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

```
.background{ background-color: rgb(230,  
125, 251) }
```

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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