

Converting Colors

XYZ(10.7698, 8.5607, 22.3468)

Have a look what the booklet for
XYZ(10.7698, 8.5607, 22.3468)
contains.

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Color

**XYZ(10.7603, 8.5217,
22.1968)**

Conversions

Conversions Part 1	
Format	Color
Hex	5C4882
RGB	92, 72, 130
RGB Percent	36%, 28%, 51%
CMY	0.6392, 0.7176, 0.4902
CMYK	0.29, 0.45, 0.00, 0.49
HSL	261°, 29%, 40%
HSV	261°, 45%, 51%
XYZ	10.7603, 8.5217, 22.1968
YIQ	84.5920, -6.6980, 22.2780

Conversions

Conversions Part 2

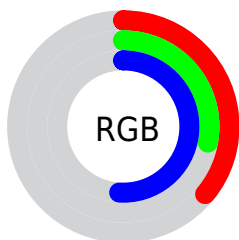
Format	Color
RYB	92, 72, 130
Decimal	6047874
CIELab	35.05, 21.85, -29.70
CIELCh	35, 36.870, 306.346
Yxy	8.5217, 0.2594, 0.2054
Android (android.graphics.Color)	4284237954 (0xFF5C4882)
YUV	84.5920, 22.3861, 6.4968
Hunter-Lab	29.1920, 14.7101, -24.6482

Details

The XYZ color **10.7603, 8.5217, 22.1968** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **15.5827, 19.7482, 9.1216**, and the grayscale version is **8.5056, 8.9486, 9.7450**.

A 20% lighter version of the original color is **26.8862, 23.0229, 47.8266**, and **2.8595, 1.9233, 7.8099** is the 20% darker color. If you saturate the color by 10%, you get **9.2036, 6.6009, 21.9083**, and if you desaturate by 10%, it is **12.5911, 10.8479, 22.5495**.

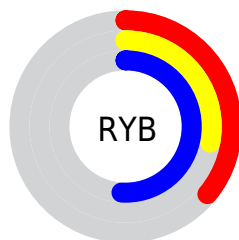
Distribution



Red (36%)

Green (28%)

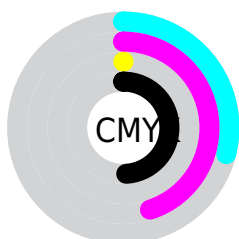
Blue (51%)



Red (36%)

Yellow (28%)

Blue (51%)

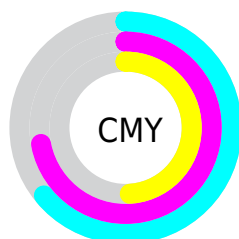


Cyan (29%)

Magenta (45%)

Yellow (0%)

Black (49%)



Cyan (64%)


Magenta (72%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.7603, 8.5217, 22.1968 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 10.7603, 8.5217, 22.1968 by changing the saturation by 10% instead.


 10.7603, 8.5217,
22.1968


 10.7603, 8.5217,
22.1968


189.9580,
179.7686, 276.5593


 5.9720, 4.4305,
13.8019


 26.8530, 22.9750,
47.9774


 2.8686, 1.9172,
7.8458


 38.8880, 34.1060,
66.2002


 1.0846, 0.5587,
3.9101


 54.0694, 48.3523,
88.5360

 0.0122, 0.0000,
1.5762

 72.7624, 66.0984,
115.4033

 0.0000, 0.0000,
0.2737

 95.3324, 87.7287,
147.2208

 0.0000, 0.0000,
0.0000

122.1448,

113.6276, 184.4069

153.5649,
144.1794, 227.3802

■ 10.7603, 8.5217,
22.1968

■ 10.7603, 8.5217,
22.1968

■ 9.2036, 6.6009,
21.9083

■ 12.5911, 10.8479,
22.5495

■ 7.9055, 5.0604,
21.6793

■ 14.7082, 13.6008,
22.9692

■ 6.8505, 3.8735,
21.5058


■ 17.1245, 16.8012,
23.4596


■ 6.0206, 3.0097,
21.3828


■ 19.8516, 20.4683,
24.0237


■ 5.3922, 2.4271,
21.3035

■ 22.9005, 24.6201,
24.6644

 5.1041, 2.1658,
21.2683

 26.2815, 29.2737,
25.3844

 30.0047, 34.4454,
26.1864

 34.0796, 40.1507,
27.0729

 38.5153, 46.4044,
28.0462

Harmonies

Analogous

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



8.5580, 8.5217, 26.3633



10.7603, 8.5217, 22.1968



12.4310, 8.5217, 14.7877

Triad

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



10.7603, 8.5217, 22.1968



9.8456, 8.5217, 2.1718



4.6894, 8.5217, 10.6281

Complementary

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



10.7603, 8.5217, 22.1968



15.5827, 19.7482, 9.1216

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.



4.9132, 8.5217, 5.3424



10.7603, 8.5217, 22.1968



7.6579, 8.5217, 1.8448

Square

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



10.7603, 8.5217, 22.1968



11.8417, 8.5217, 3.9415



5.9182, 8.5217, 2.6990



5.2428, 8.5217, 18.0474

Rectangle

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



10.7603, 8.5217, 22.1968



12.8804, 8.5217, 10.0420



5.9182, 8.5217, 2.6990



4.6778, 8.5217, 8.5551

Sweetspot

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



10.7606, 8.5220, 22.1970



30.7598, 30.3929, 41.4377



12.3501, 14.2859, 23.2258



6.7669, 6.6182, 9.3391



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



10.7606, 8.5220, 22.1970



16.0562, 11.4408, 38.5545



14.1388, 10.2636, 22.3551



4.2379, 4.2782, 5.4157



4.9008, 2.0802, 20.3932



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.3378, 10.5065, 16.0238



23.4080, 15.5292, 25.4150



12.6033, 18.2122, 8.9821



4.4371, 4.3880, 5.1063



10.4090, 5.1833, 8.7433



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 10.7603, 8.5217, 22.1968 looks on a white background.

Color Contrast Check

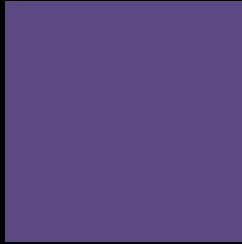
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 10.7603, 8.5217, 22.1968 looks on a black 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

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

XYZ 10.7603, 8.5217, 22.1968

Background



This preview shows how black text looks on a background with the XYZ color 10.7603, 8.5217, 22.1968.



This preview shows how white text looks on a background with the XYZ color 10.7603, 8.5217,

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

10.7603, 8.5217, 22.1968

Protanopia

9.3335, 8.6496, 25.2224

Deuteranopia

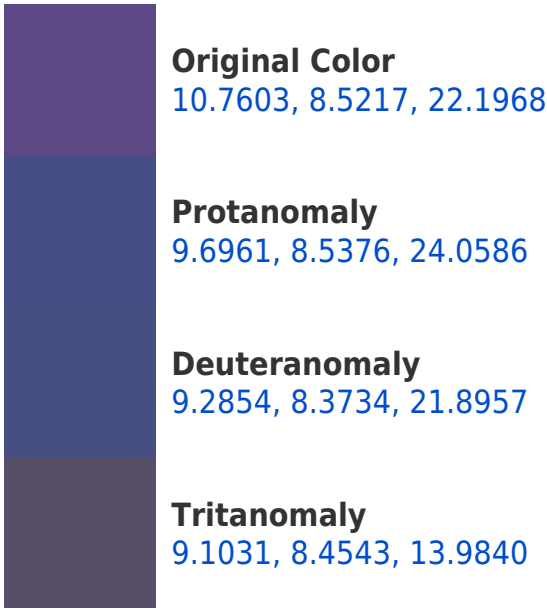
8.7172, 8.5229, 21.6077



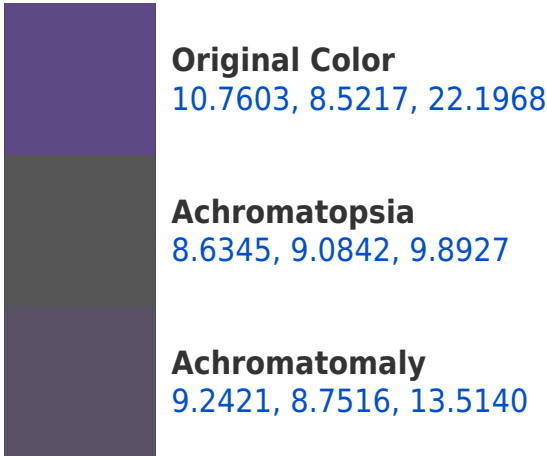
Tritanopia

8.3600, 8.4743, 10.4276

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7603, 8.5217, 22.1968 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(92, 72, 130)` looks like.

```
.text, #text, p{  
    color:rgb(92, 72, 130)  
}
```

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(92, 72, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 72, 130) }
```

Border

The CSS property to change the border of an element to XYZ 10.7603, 8.5217, 22.1968 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(92, 72, 130) }
```


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

```
.border{ border-color:rgb(92, 72, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 72, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 72, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 72, 130);  
box-shadow:4px 4px 4px 4px rgb(92, 72,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7603, 8.5217, 22.1968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 72, 130) }
```

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

```
.background{ background-color: rgb(92, 72,  
130) }
```

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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