

Converting Colors

XYZ(10.5895, 8.3983, 11.0514)

Have a look what the booklet for
XYZ(10.5895, 8.3983, 11.0514)
contains.

XYZ(10.5720, 8.3911, 10.9600)	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(10.5720, 8.3911,
10.9600)**

Conversions

Conversions Part 1

Format	Color
Hex	6F455B
RGB	111, 69, 91
RGB Percent	44%, 27%, 36%
CMY	0.5647, 0.7294, 0.6431
CMYK	0.00, 0.38, 0.18, 0.56
HSL	329°, 23%, 35%
HSV	329°, 38%, 44%
XYZ	10.5720, 8.3911, 10.9600
YIQ	84.0660, 17.9700, 15.7460

Conversions

Conversions Part 2

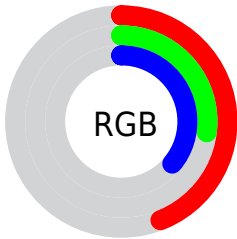
Format	Color
R_{YB}	111, 69, 91
Decimal	7292251
CIE Lab	34.78, 21.56, -5.48
CIE LCh	35, 22.246, 345.751
Yxy	8.3911, 0.3533, 0.2804
Android (android.graphics.Color)	4285482331 (0xFF6F455B)
YUV	84.0660, 3.4185, 23.6211
Hunter-Lab	28.9674, 14.4528, -2.1556

Details

The XYZ color **10.5720, 8.3911, 10.9600** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **9.9422, 13.3556, 11.5057**, and the grayscale version is **8.4312, 8.8703, 9.6598**.

A 20% lighter version of the original color is **26.5960, 22.7725, 28.1931**, and **2.7869, 1.8669, 2.6961** is the 20% darker color. If you saturate the color by 10%, you get **9.7320, 7.0632, 9.5943**, and if you desaturate by 10%, it is **11.5563, 9.9818, 12.4532**.

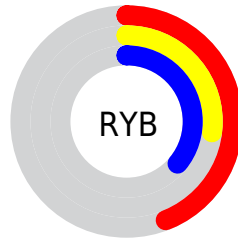
Distribution



Red (44%)

Green (27%)

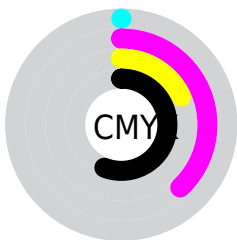
Blue (36%)



Red (44%)

Yellow (27%)

Blue (36%)

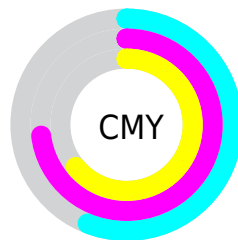


Cyan (0%)

Magenta (38%)

Yellow (18%)

Black (56%)



Cyan (56%)

Magenta (73%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5720, 8.3911, 10.9600 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 10.5720, 8.3911, 10.9600 by changing the saturation by 10% instead.

■ 10.5720, 8.3911,
10.9600

■ 10.5720, 8.3911,
10.9600

188.6768,
178.7682, 208.1205

■ 5.8450, 4.3462,
5.9261

■ 26.5060, 22.7217,
28.2217

■ 2.7908, 1.8691,
2.7321

■ 38.4437, 33.7761,
41.2866

■ 1.0441, 0.5297,
0.9595

■ 53.5156, 47.9359,
57.8656

■ 0.0000, 0.0000,
0.0000

■ 72.0872, 65.5854,
78.3771

■ 94.5237, 87.1089,
103.2399

121.1906,

112.8910, 132.8723

152.4532,
143.3160, 167.6930

■ 10.5720, 8.3911,
10.9600

■ 10.5720, 8.3911,
10.9600

■ 9.7320, 7.0632,
9.5943

■ 11.5563, 9.9818,
12.4532

■ 9.0281, 5.9824,
8.3516

■ 12.6912, 11.8473,
14.0774

■ 8.4524, 5.1333,
7.2276


■ 13.9832, 14.0005,
15.8363


■ 7.9958, 4.4983,
6.2175


■ 15.4385, 16.4530,
17.7335


■ 7.6478, 4.0571,
5.3161


■ 17.0627, 19.2158,
19.7724


 7.3785, 3.7504,
4.5115

 18.8614, 22.2993,
21.9561

 7.3229, 3.6864,
4.3473

 20.8397, 25.7134,
24.2878

 23.0025, 29.4676,
26.7704

 25.3547, 33.5712,
29.4070

Harmonies

Analogous

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



9.8471, 8.3911, 14.9081



10.5720, 8.3911, 10.9600



10.5521, 8.3911, 7.3735

Triad

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



10.5720, 8.3911, 10.9600



7.3335, 8.3911, 3.9395



6.3963, 8.3911, 15.0876

Complementary

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



10.5720, 8.3911, 10.9600



9.9422, 13.3556, 11.5057

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.



5.8567, 8.3911, 11.1602



10.5720, 8.3911, 10.9600



6.3575, 8.3911, 5.0878

Square

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



10.5720, 8.3911, 10.9600



8.5891, 8.3911, 3.9126



5.8433, 8.3911, 7.5273



7.3918, 8.3911, 17.6845

Rectangle

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



10.5720, 8.3911, 10.9600



10.1161, 8.3911, 5.6419



5.8433, 8.3911, 7.5273



6.1604, 8.3911, 13.8390

Sweetspot

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



10.5722, 8.3915, 10.9602



24.2051, 23.6749, 27.2386



9.0793, 7.5085, 16.0098



5.7584, 5.5930, 6.4670



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



10.5722, 8.3915, 10.9602



17.6521, 13.0000, 17.5588



9.8022, 8.0835, 6.9049



3.4507, 3.4280, 3.8999



8.6159, 4.3387, 5.0532



42.4810, 21.4377, 22.8629

Inverse Universe

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



10.5722, 8.3915, 10.9602



17.6521, 13.0000, 17.5588



10.9317, 13.7514, 16.7161



3.4507, 3.4280, 3.8999



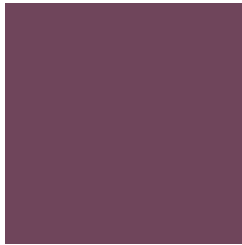
8.6159, 4.3387, 5.0532



42.4810, 21.4377, 22.8629

Previews

White Background



This preview shows how the XYZ color 10.5720, 8.3911, 10.9600 looks on a white background.

Color Contrast Check

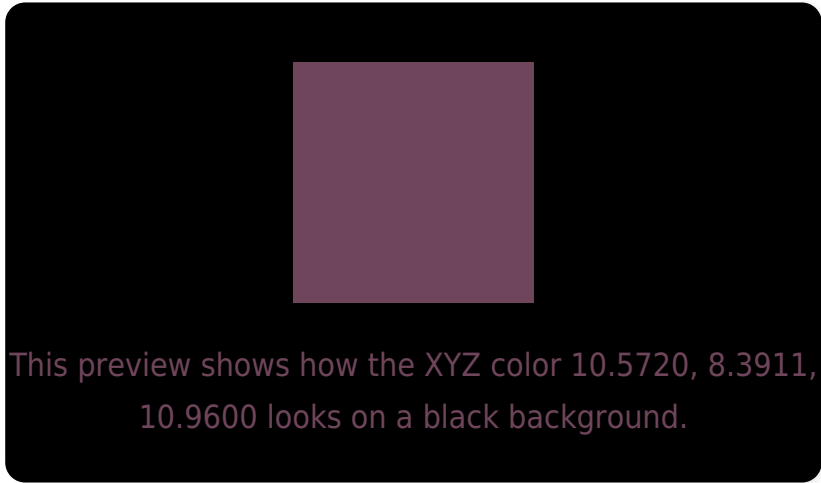
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 10.5720, 8.3911, 10.9600

Background



This preview shows how black text looks on a background with the XYZ color 10.5720, 8.3911, 10.9600.

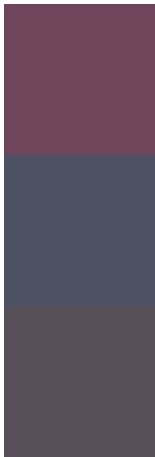


This preview shows how white text looks on a background with the XYZ color 10.5720, 8.3911,

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

10.5720, 8.3911, 10.9600

Protanopia

8.3364, 8.4054, 12.9874

Deuteranopia

8.6023, 8.4848, 10.6355



Tritanopia

9.9636, 8.4218, 8.1216

Trichromacy



Original Color

10.5720, 8.3911, 10.9600

Protanomaly

8.9816, 8.3259, 12.2000

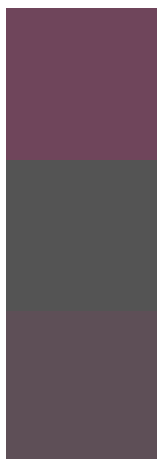
Deuteranomaly

9.2538, 8.3939, 10.8053

Tritanomaly

10.2066, 8.4307, 9.0720

Monochromacy



Original Color

10.5720, 8.3911, 10.9600

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

9.1324, 8.6598, 10.2070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5720, 8.3911, 10.9600 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(111, 69, 91)` looks like.

```
.text, #text, p{  
    color:rgb(111, 69, 91)  
}
```

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(111, 69, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 69, 91) }
```

Border

The CSS property to change the border of an element to XYZ 10.5720, 8.3911, 10.9600 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(111, 69, 91) }
```


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

```
.border{ border-color:rgb(111, 69, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 69, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 69, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 69, 91);  
box-shadow:4px 4px 4px 4px rgb(111, 69,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5720, 8.3911, 10.9600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 69, 91) }
```

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

```
.background{ background-color: rgb(111, 69,  
91) }
```

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