

Converting Colors

XYZ(10.6698, 5.4680, 13.1803)

Have a look what the booklet for
XYZ(10.6698, 5.4680, 13.1803)
contains.

XYZ(10.5951, 5.4385, 13.0617)	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(10.5951, 5.4385,
13.0617)**

Conversions

Conversions Part 1

Format	Color
Hex	7A0F66
RGB	122, 15, 102
RGB Percent	48%, 6%, 40%
CMY	0.5216, 0.9411, 0.6000
CMYK	0.00, 0.88, 0.16, 0.52
HSL	311°, 78%, 27%
HSV	311°, 88%, 48%
XYZ	10.5951, 5.4385, 13.0617
YIQ	56.9110, 35.8450, 49.7410

Conversions

Conversions Part 2

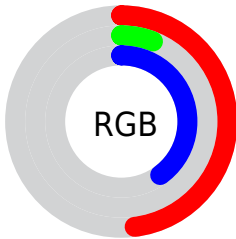
Format	Color
R_{YB}	122, 15, 102
Decimal	7999334
CIE _{Lab}	27.95, 51.20, -22.86
CIE _{LCh}	28, 56.072, 335.936
Yxy	5.4385, 0.3642, 0.1869
Android (android.graphics.Color)	4286189414 (0xFF7A0F66)
YUV	56.9110, 22.2289, 57.0831
Hunter-Lab	23.3206, 40.2858, -16.8835

Details

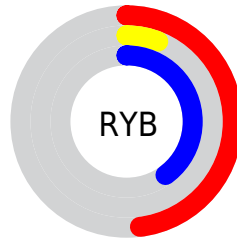
The XYZ color **10.5951, 5.4385, 13.0617** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **7.4602, 14.1421, 3.9272**, and the grayscale version is **3.8464, 4.0467, 4.4069**.

A 20% lighter version of the original color is **26.6259, 16.7970, 31.9758**, and **3.1438, 1.5410, 3.7462** is the 20% darker color. If you saturate the color by 10%, you get **10.3433, 5.1132, 12.4274**, and if you desaturate by 10%, it is **10.9358, 5.9362, 13.7410**.

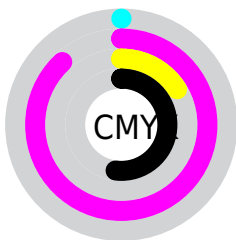
Distribution



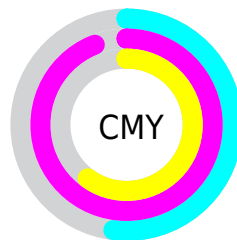
- Red (48%)
- Green (6%)
- Blue (40%)



- Red (48%)
- Yellow (6%)
- Blue (40%)



- Cyan (0%)
- Magenta (88%)
- Yellow (16%)
- Black (52%)



- Cyan (52%)
- Magenta (94%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5951, 5.4385, 13.0617 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 10.5951, 5.4385, 13.0617 by changing the saturation by 10% instead.

10.5951, 5.4385,
13.0617

10.5951, 5.4385,
13.0617

188.8345,
153.9737, 222.5344

5.8605, 2.5068,
7.3398

26.5486, 16.7545,
32.1074

2.8003, 0.8800,
3.5939

38.4983, 25.9076,
46.2683

1.0491, 0.0000,
1.4053

53.5837, 37.9032,
64.0793

0.0000, 0.0000,
0.1458


72.1702, 53.1258,
85.9589


0.0000, 0.0000,
0.0000

94.6232, 71.9597,
112.3257


121.3080, 94.7894,

143.5982


 152.5900,
121.9993, 180.1949

 10.5951, 5.4385,
13.0617

 10.5951, 5.4385,
13.0617

 10.3433, 5.1132,
12.4274

 10.9358, 5.9362,
13.7410

 10.2875, 5.0422,
12.2843

 11.3959, 6.6679,
14.4756

 11.9884, 7.6594,
15.2700

 12.7246, 8.9332,
16.1279

 13.6144, 10.5089,
17.0529

■ 14.6669, 12.4048,
18.0480

■ 15.8904, 14.6376,
19.1161

■ 17.2926, 17.2226,
20.2601

■ 18.8809, 20.1745,
21.4823

Harmonies

Analogous

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



8.3581, 5.4385, 24.2158



10.5951, 5.4385, 13.0617



11.2106, 5.4385, 4.6634

Triad

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



10.5951, 5.4385, 13.0617



4.7088, 5.4385, 0.0000



2.2722, 5.4385, 17.4722

Complementary

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



10.5951, 5.4385, 13.0617



7.4602, 14.1421, 3.9272

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.



1.8159, 5.4385, 7.3879



10.5951, 5.4385, 13.0617



2.9161, 5.4385, 0.1950

Square

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



10.5951, 5.4385, 13.0617



7.2757, 5.4385, 0.0000



2.0087, 5.4385, 2.0161



3.5143, 5.4385, 27.8617

Rectangle

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



10.5951, 5.4385, 13.0617



10.4931, 5.4385, 1.8321



2.0087, 5.4385, 2.0161



2.0426, 5.4385, 13.7328

Sweetspot

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



10.5953, 5.4388, 13.0618



26.0194, 22.2159, 31.9469



4.3642, 2.0978, 18.5873



5.8252, 4.8545, 7.1917



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.5953, 5.4388, 13.0618



18.0526, 8.8522, 21.3684



8.7490, 4.7003, 3.3396



4.1239, 4.0653, 4.8501



10.8283, 5.3075, 12.9186



51.3589, 25.1999, 60.0794

Inverse Universe

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



10.5953, 5.4388, 13.0618



18.0526, 8.8522, 21.3684



8.9231, 14.7273, 11.6308



4.1239, 4.0653, 4.8501



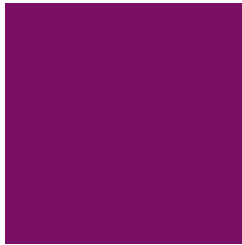
10.8283, 5.3075, 12.9186



51.3589, 25.1999, 60.0794

Previews

White Background



This preview shows how the XYZ color 10.5951, 5.4385, 13.0617 looks on a white background.

Color Contrast Check

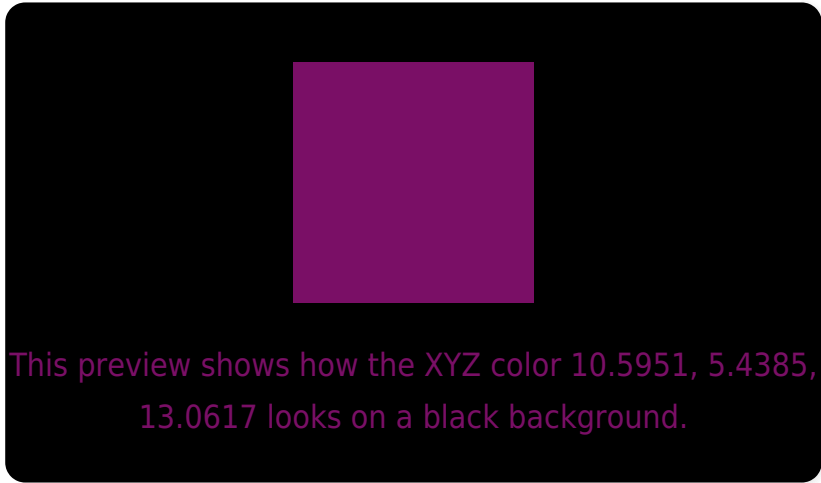
Large Text (above 18pt) WCAG AA ✓ Pass

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

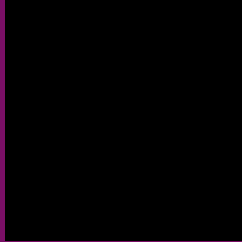
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.5951, 5.4385, 13.0617

Background



This preview shows how black text looks on a background with the XYZ color 10.5951, 5.4385, 13.0617.



This preview shows how white text looks on a background with the XYZ color 10.5951, 5.4385,

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

10.5951, 5.4385, 13.0617

Protanopia

6.6818, 5.7899, 25.5763

Deuteranopia

5.8634, 5.7584, 11.8688



Tritanopia

8.6187, 5.6197, 3.0133

Trichromacy



Original Color

10.5951, 5.4385, 13.0617

Protanomaly

5.8211, 4.0749, 20.2184

Deuteranomaly

6.6549, 4.7451, 12.1204

Tritanomaly

9.0784, 5.3366, 5.5526

Monochromacy



Original Color

10.5951, 5.4385, 13.0617

Achromatopsia

3.8890, 4.0915, 4.4557

Achromatomaly

5.4239, 3.8863, 6.7676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5951, 5.4385, 13.0617 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(122, 15, 102)` looks like.

```
.text, #text, p{  
    color:rgb(122, 15, 102)  
}
```

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(122, 15, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 15, 102) }
```

Border

The CSS property to change the border of an element to XYZ 10.5951, 5.4385, 13.0617 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(122, 15, 102) }
```


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

```
.border{ border-color:rgb(122, 15, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 15, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 15, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 15, 102);  
box-shadow:4px 4px 4px 4px rgb(122, 15,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5951, 5.4385, 13.0617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 15, 102) }
```

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

```
.background{ background-color: rgb(122, 15,  
102) }
```

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