

Converting Colors

XYZ(11.5051, 6.0055, 33.8105)

Have a look what the booklet for
XYZ(11.5051, 6.0055, 33.8105)
contains.

XYZ(11.5051, 6.0055, 33.8105)	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(11.5051, 6.0055,
33.8105)**

Conversions

Conversions Part 1

Format	Color
Hex	5E21A0
RGB	94, 33, 160
RGB Percent	37%, 13%, 63%
CMY	0.6314, 0.8706, 0.3725
CMYK	0.41, 0.79, 0.00, 0.37
HSL	269°, 66%, 38%
HSV	269°, 79%, 63%
XYZ	11.5051, 6.0055, 33.8105
YIQ	65.7170, -4.4110, 52.4290

Conversions

Conversions Part 2

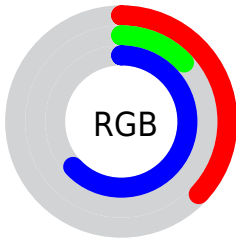
Format	Color
R_{YB}	94, 33, 160
Decimal	6168992
CIE _{Lab}	29.43, 51.53, -57.11
CIE _{LCh}	29, 76.925, 312.060
Yxy	6.0055, 0.2242, 0.1170
Android (android.graphics.Color)	4284359072 (0xFF5E21A0)
YUV	65.7170, 46.4815, 24.8042
Hunter-Lab	24.5061, 40.9162, -64.6467

Details

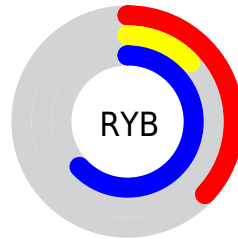
The XYZ color **11.5051, 6.0055, 33.8105** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **17.9909, 27.9041, 5.8768**, and the grayscale version is **5.0659, 5.3298, 5.8041**.

A 20% lighter version of the original color is **28.2208, 17.9389, 66.9409**, and **3.3470, 1.4189, 14.0074** is the 20% darker color. If you saturate the color by 10%, you get **10.3547, 4.9027, 33.6584**, and if you desaturate by 10%, it is **12.9591, 7.5782, 34.0376**.

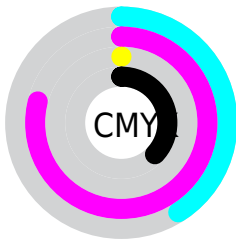
Distribution



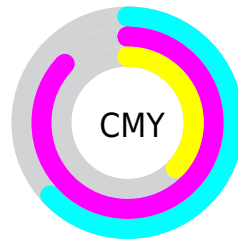
- Red (37%)
- Green (13%)
- Blue (63%)



- Red (37%)
- Yellow (13%)
- Blue (63%)



- Cyan (41%)
- Magenta (79%)
- Yellow (0%)
- Black (37%)



- Cyan (63%)
- Magenta (87%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5051, 6.0055, 33.8105 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 11.5051, 6.0055, 33.8105 by changing the saturation by 10% instead.

■ 11.5051, 6.0055,
33.8105

■ 11.5051, 6.0055,
33.8105

■ 194.9384,
159.1239, 334.0296

■ 6.4774, 2.8484,
22.4719

■ 28.2152, 17.9425,
66.7694

■ 3.1809, 1.0531,
14.0024

■ 40.6284, 27.4913,
89.2267

■ 1.2501, 0.0000,
7.9836

■ 56.2341, 39.9394,
116.2274

■ 0.1454, 0.0000,
3.9968

■ 75.3977, 55.6712,
148.1900

■ 0.0000, 0.0000,
1.6236

■ 98.4846, 75.0712,
185.5329

■ 0.0000, 0.0000,
0.3076

■ 125.8601, 98.5237,

■ 0.0000, 0.0000,

228.6748

0.0000

157.8896,
126.4131, 278.0342

11.5051, 6.0055,
33.8105

11.5051, 6.0055,
33.8105

10.3547, 4.9027,
33.6584

12.9591, 7.5782,
34.0376

9.4468, 4.1532,
33.5616

14.7449, 9.6745,
34.3481

9.3939, 4.1097,
33.5560

16.8882, 12.3413,
34.7499

19.4114, 15.6199,
35.2497

22.3352, 19.5475,
35.8537

■ 25.6782, 24.1585,
36.5675

■ 29.4583, 29.4847,
37.3963

■ 33.6919, 35.5558,
38.3450

■ 38.3946, 42.3999,
39.4182

Harmonies

Analogous

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



7.2322, 6.0055, 49.2729



11.5051, 6.0055, 33.8105



14.7989, 6.0055, 14.4501

Triad

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



11.5051, 6.0055, 33.8105



8.0412, 6.0055, 0.0000



1.3329, 6.0055, 11.4472

Complementary

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



11.5051, 6.0055, 33.8105



17.9909, 27.9041, 5.8768

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.



1.4018, 6.0055, 2.2186



11.5051, 6.0055, 33.8105



4.4146, 6.0055, 0.0000

Square

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



11.5051, 6.0055, 33.8105



12.3014, 6.0055, 0.0000



2.2833, 6.0055, 0.0000



2.0285, 6.0055, 29.8014

Rectangle

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



11.5051, 6.0055, 33.8105



15.4163, 6.0055, 5.8705



2.2833, 6.0055, 0.0000



1.2790, 6.0055, 7.2563

Sweetspot

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



11.5054, 6.0057, 33.8107



43.4381, 39.4456, 65.7109



11.6003, 12.1173, 34.9853



9.0910, 8.0527, 14.3188



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



11.5054, 6.0057, 33.8107



17.5629, 7.8916, 60.9841



20.5543, 10.6706, 34.2341



6.5727, 6.5837, 8.3310



7.3681, 3.2274, 26.1418



0.1804, 0.0828, 0.4697

Inverse Universe

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



17.2933, 9.4622, 12.7191



29.4557, 15.0047, 17.1696



13.6168, 25.6492, 5.6721



6.7698, 6.7008, 7.6387



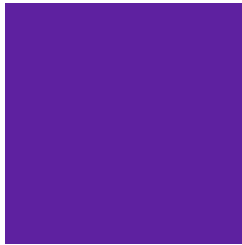
12.5362, 6.3190, 7.0746



0.2455, 0.1215, 0.2388

Previews

White Background



This preview shows how the XYZ color 11.5051, 6.0055, 33.8105 looks on a white background.

Color Contrast Check

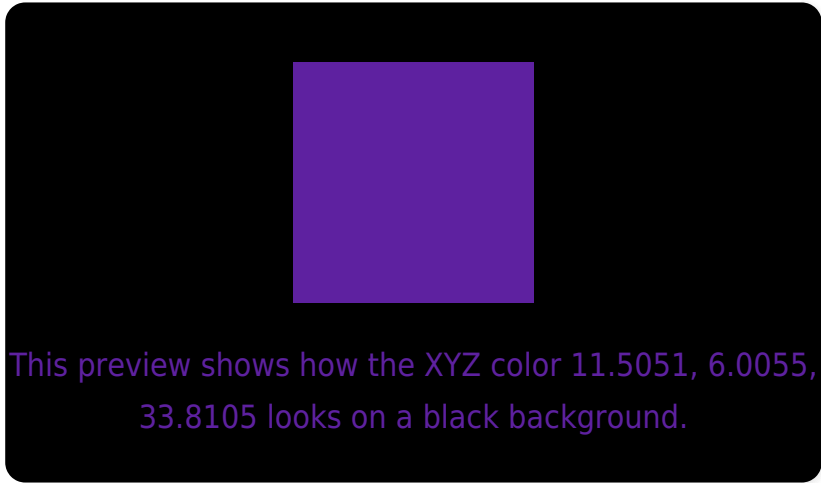
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.5051, 6.0055, 33.8105

Background



This preview shows how black text looks on a background with the XYZ color 11.5051, 6.0055, 33.8105.



This preview shows how white text looks on a background with the XYZ color 11.5051, 6.0055,

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

11.5051, 6.0055, 33.8105

Protanopia

7.0250, 6.1174, 26.7971

Deuteranopia

5.8925, 6.0648, 19.5989



Tritanopia

6.1714, 6.1111, 7.1576

Trichromacy



Original Color

11.5051, 6.0055, 33.8105

Protanomaly

7.4507, 5.2424, 29.0530

Deuteranomaly

6.6167, 5.1438, 23.9367

Tritanomaly

7.3957, 5.5461, 14.0453

Monochromacy



Original Color

11.5051, 6.0055, 33.8105

Achromatopsia

5.1784, 5.4480, 5.9329

Achromatomaly

6.5999, 5.0949, 12.6922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5051, 6.0055, 33.8105 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(94, 33, 160)` looks like.

```
.text, #text, p{  
    color:rgb(94, 33, 160)  
}
```

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(94, 33, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 33, 160) }
```

Border

The CSS property to change the border of an element to XYZ 11.5051, 6.0055, 33.8105 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(94, 33, 160) }
```


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

```
.border{ border-color:rgb(94, 33, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 33, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 33, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 33, 160);  
box-shadow:4px 4px 4px 4px rgb(94, 33,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5051, 6.0055, 33.8105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 33, 160) }
```

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

```
.background{ background-color: rgb(94, 33,  
160) }
```

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