

Converting Colors

XYZ(11.3114, 4.8632, 47.9196)

Have a look what the booklet for
XYZ(11.3114, 4.8632, 47.9196)
contains.

XYZ(11.3113, 4.8632, 47.9195)	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(11.3113, 4.8632,
47.9195)**

Conversions

Conversions Part 1

Format	Color
Hex	4105BC
RGB	65, 5, 188
RGB Percent	25%, 2%, 74%
CMY	0.7451, 0.9804, 0.2627
CMYK	0.65, 0.97, 0.00, 0.26
HSL	260°, 95%, 38%
HSV	260°, 97%, 74%
XYZ	11.3113, 4.8632, 47.9195
YIQ	43.8020, -22.9830, 69.6330

Conversions

Conversions Part 2

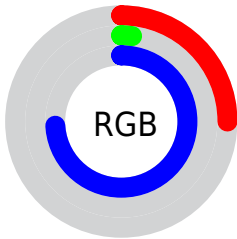
Format	Color
R _Y B	65, 5, 188
Decimal	4261308
CIE Lab	26.34, 63.43, -79.13
CIE LCh	26, 101.415, 308.718
Yxy	4.8632, 0.1765, 0.0759
Android (android.graphics.Color)	4282451388 (0xFF4105BC)
YUV	43.8020, 71.0896, 18.5906
Hunter-Lab	22.0527, 52.9644, -113.3978

Details

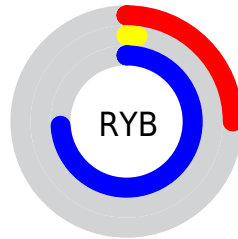
The XYZ color **11.3113, 4.8632, 47.9195** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **26.9107, 40.5657, 6.5550**, and the grayscale version is **2.3085, 2.4287, 2.6449**.

A 20% lighter version of the original color is **27.9076, 15.5339, 88.7162**, and **4.2336, 1.6935, 22.2940** is the 20% darker color. If you saturate the color by 10%, you get **11.0419, 4.6437, 47.8915**, and if you desaturate by 10%, it is **12.5121, 5.8802, 48.0527**.

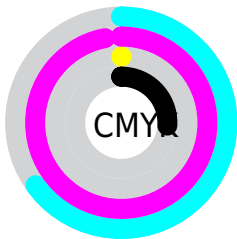
Distribution



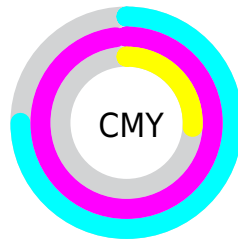
- Red (25%)
- Green (2%)
- Blue (74%)



- Red (25%)
- Yellow (2%)
- Blue (74%)



- Cyan (65%)
- Magenta (97%)
- Yellow (0%)
- Black (26%)



- Cyan (75%)
- Magenta (98%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3113, 4.8632, 47.9195 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 11.3113, 4.8632, 47.9195 by changing the saturation by 10% instead.

■ 11.3113, 4.8632,
47.9195

■ 11.3113, 4.8632,
47.9195

193.6555,
148.4955, 394.9725

■ 6.3455, 2.1672,
33.4036

■ 27.8623, 15.5223,
88.4488

■ 3.0989, 0.7020,
22.1622

■ 40.1781, 24.2542,
115.2994

■ 1.2063, 0.0000,
13.7767

■ 55.6747, 35.7669,
147.0985

■ 0.1113, 0.0000,
7.8285

■ 74.7173, 50.4447,
184.2648

■ 0.0000, 0.0000,
3.8992

■ 97.6713, 68.6721,
227.2168


■ 0.0000, 0.0000,
1.5702

■ 124.9021, 90.8334,


■ 0.0000, 0.0000,


276.3731

0.2694


 156.7751,
117.3131, 332.1521


 0.0000, 0.0000,
0.0000


 11.3113, 4.8632,
47.9195


 11.3113, 4.8632,
47.9195


 11.0419, 4.6437,
47.8915

 12.5121, 5.8802,
48.0527

 14.1696, 7.5166,
48.2812

 16.3502, 9.8887,
48.6241

 19.1021, 13.0784,
49.0947

 22.4676, 17.1563,
49.7045

■ 26.4844, 22.1855,
50.4635

■ 31.1871, 28.2228,
51.3810

■ 36.6078, 35.3207,
52.4653

■ 42.7763, 43.5279,
53.7243

Harmonies

Analogous

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



5.8914, 4.8632, 70.7709



11.3113, 4.8632, 47.9195



16.1618, 4.8632, 18.0227

Triad

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



11.3113, 4.8632, 47.9195



8.0212, 4.8632, 0.0000



0.3246, 4.8632, 9.3937

Complementary

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



11.3113, 4.8632, 47.9195



26.9107, 40.5657, 6.5550

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.



0.4649, 4.8632, 0.6017



11.3113, 4.8632, 47.9195



3.5500, 4.8632, 0.0000

Square

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



11.3113, 4.8632, 47.9195



13.6178, 4.8632, 0.0000



1.2837, 4.8632, 0.0000



0.8401, 4.8632, 34.5664

Rectangle

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



11.3113, 4.8632, 47.9195



17.3981, 4.8632, 5.8045



1.2837, 4.8632, 0.0000



0.2966, 4.8632, 4.8166

Sweetspot

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



11.3117, 4.8633, 47.9197



54.5990, 48.6606, 92.7410



17.1286, 19.6411, 50.4655



10.9503, 9.4472, 19.7889



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



11.3117, 4.8633, 47.9197



19.7826, 8.2979, 86.7852



22.5434, 10.6534, 48.4453



9.3033, 9.3732, 11.9911



7.5884, 3.1980, 32.6102



0.3677, 0.1616, 1.2807

Inverse Universe

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



24.6887, 12.3579, 21.5016



44.3346, 22.0758, 37.2945



18.8302, 36.4000, 6.1768



9.7933, 9.6416, 11.3004



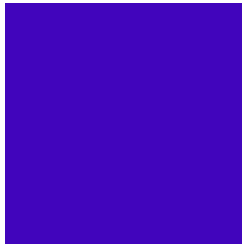
16.7350, 8.3252, 14.4300



0.6845, 0.3377, 0.7176

Previews

White Background



This preview shows how the XYZ color 11.3113, 4.8632, 47.9195 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 11.3113, 4.8632, 47.9195 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 11.3113, 4.8632, 47.9195

Background



This preview shows how black text looks on a background with the XYZ color 11.3113, 4.8632, 47.9195.



This preview shows how white text looks on a background with the XYZ color 11.3113, 4.8632,

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

11.3113, 4.8632, 47.9195

Protanopia

5.7519, 5.0570, 21.7920

Deuteranopia

4.7627, 5.0222, 15.4702



Tritanopia

3.5577, 5.0283, 7.6205

Trichromacy



Original Color

11.3113, 4.8632, 47.9195

Protanomaly

6.7555, 4.0144, 29.6970

Deuteranomaly

5.8648, 3.8305, 24.4750

Tritanomaly

4.6041, 3.5116, 17.2648

Monochromacy



Original Color

11.3113, 4.8632, 47.9195

Achromatopsia

2.3940, 2.5187, 2.7428

Achromatomaly

3.9918, 2.5031, 11.3391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3113, 4.8632, 47.9195 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(65, 5, 188)` looks like.

```
.text, #text, p{  
    color:rgb(65, 5, 188)  
}
```

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(65, 5, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 5, 188) }
```

Border

The CSS property to change the border of an element to XYZ 11.3113, 4.8632, 47.9195 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(65, 5, 188) }
```


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

```
.border{ border-color:rgb(65, 5, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 5, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 5, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 5, 188);  
box-shadow:4px 4px 4px 4px rgb(65, 5, 188)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.3113, 4.8632, 47.9195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 5, 188) }
```

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

```
.background{ background-color: rgb(65, 5,  
188) }
```

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