

Converting Colors

XYZ(10.1534, 5.2803, 6.5313)

Have a look what the booklet for
XYZ(10.1534, 5.2803, 6.5313)
contains.

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Color

**XYZ(10.1915, 5.2964,
6.6161)**

Conversions

Conversions Part 1

Format	Color
Hex	800B48
RGB	128, 11, 72
RGB Percent	50%, 4%, 28%
CMY	0.4980, 0.9568, 0.7176
CMYK	0.00, 0.91, 0.44, 0.50
HSL	329°, 84%, 27%
HSV	329°, 91%, 50%
XYZ	10.1915, 5.2964, 6.6161
YIQ	52.9370, 50.1510, 43.7750

Conversions

Conversions Part 2

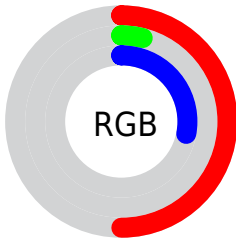
Format	Color
R_{YB}	128, 11, 72
Decimal	8391496
CIE _{Lab}	27.56, 49.77, -3.52
CIE _{LCh}	28, 49.892, 355.955
Yxy	5.2964, 0.4611, 0.2396
Android (android.graphics.Color)	4286581576 (0xFF800B48)
YUV	52.9370, 9.3981, 65.8303
Hunter-Lab	23.0139, 38.7728, -0.9351

Details

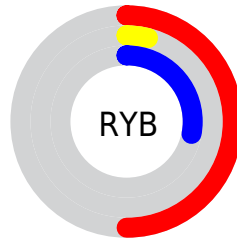
The XYZ color **10.1915, 5.2964, 6.6161** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **8.8708, 15.9150, 7.9163**, and the grayscale version is **3.3617, 3.5368, 3.8516**.

A 20% lighter version of the original color is **25.7803, 16.4354, 19.5829**, and **2.9694, 1.5052, 1.2964** is the 20% darker color. If you saturate the color by 10%, you get **9.9072, 4.9912, 5.7090**, and if you desaturate by 10%, it is **10.6046, 5.7866, 7.7897**.

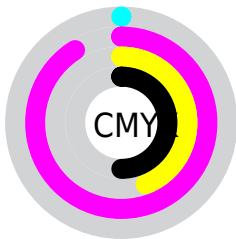
Distribution



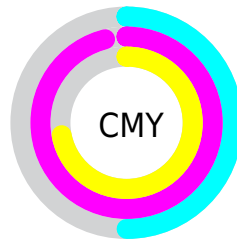
- Red (50%)
- Green (4%)
- Blue (28%)



- Red (50%)
- Yellow (4%)
- Blue (28%)



- Cyan (0%)
- Magenta (91%)
- Yellow (44%)
- Black (50%)



- Cyan (50%)
- Magenta (96%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1915, 5.2964, 6.6161 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 10.1915, 5.2964, 6.6161 by changing the saturation by 10% instead.

10.1915, 5.2964,
6.6161

10.1915, 5.2964,
6.6161

186.0586,
152.6458, 173.9426

5.5894, 2.4222,
3.1484

25.8015, 16.4528,
19.6962

2.6353, 0.8373,
1.1709

37.5400, 25.5038,
30.1457

0.9640, 0.0000,
0.0000

52.3881, 37.3825,
43.7595

0.0000, 0.0000,
0.0000

70.7111, 52.4734,
60.9562

92.8742, 71.1607,
82.1543

119.2430, 93.8290,

107.7724

150.1826,
120.8626, 138.2290

10.1915, 5.2964,
6.6161

10.1915, 5.2964,
6.6161

9.9072, 4.9912,
5.7090

10.6046, 5.7866,
7.7897

11.1619, 6.5324,
9.1125

11.8795, 7.5651,
10.5923

12.7711, 8.9114,
12.2365

13.8489, 10.5949,
14.0514

■ 15.1240, 12.6368,
16.0432

■ 16.6063, 15.0566,
18.2174

■ 18.3055, 17.8724,
20.5795

■ 20.2302, 21.1011,
23.1346

Harmonies

Analogous

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



9.1448, 5.2964, 14.8900



10.1915, 5.2964, 6.6161



9.5727, 5.2964, 2.0577

Triad

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



10.1915, 5.2964, 6.6161



3.4741, 5.2964, 0.1861



3.1052, 5.2964, 21.4923

Complementary

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



10.1915, 5.2964, 6.6161



8.8708, 15.9150, 7.9163

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.



2.2194, 5.2964, 12.4007



10.1915, 5.2964, 6.6161



2.3874, 5.2964, 1.4291

Square

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



10.1915, 5.2964, 6.6161



5.3225, 5.2964, 0.0000



1.9985, 5.2964, 4.9936



4.7563, 5.2964, 26.5043

Rectangle

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



10.1915, 5.2964, 6.6161



8.3709, 5.2964, 0.8152



1.9985, 5.2964, 4.9936



2.7279, 5.2964, 18.5995

Sweetspot

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



10.1916, 5.2967, 6.6162



27.5698, 23.7778, 29.6537



6.2364, 2.9427, 20.6615



6.2894, 5.2983, 6.6963



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.



10.1916, 5.2967, 6.6162



17.3698, 8.7585, 9.6659



9.1075, 4.8631, 0.9073



4.4141, 4.3788, 4.9850



9.8243, 4.9494, 5.6646



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.1916, 5.2967, 6.6162



17.3698, 8.7585, 9.6659



11.5018, 16.9674, 21.7710



4.4141, 4.3788, 4.9850



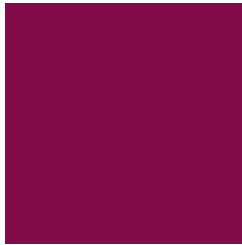
9.8243, 4.9494, 5.6646



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 10.1915, 5.2964, 6.6161 looks on a white background.

Color Contrast Check

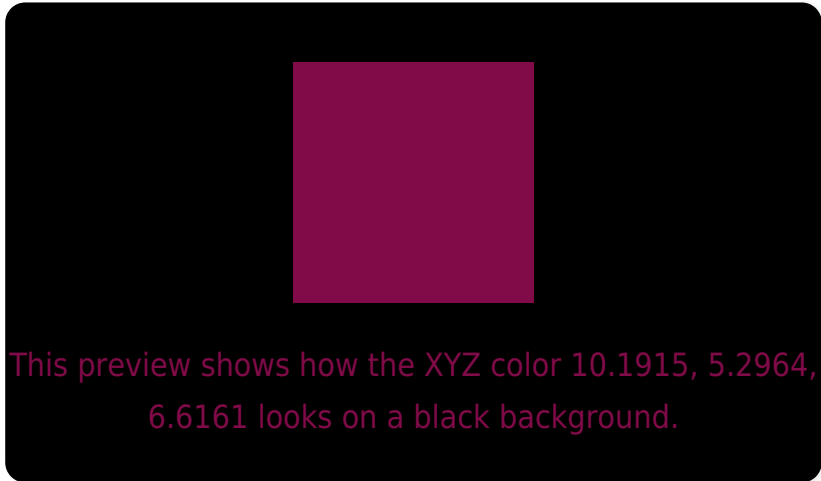
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.1915, 5.2964, 6.6161

Background



This preview shows how black text looks on a background with the XYZ color 10.1915, 5.2964, 6.6161.



This preview shows how white text looks on a background with the XYZ color 10.1915, 5.2964,

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

10.1915, 5.2964, 6.6161

Protanopia

5.9719, 5.6879, 13.6151

Deuteranopia

5.7275, 5.6417, 6.0973



Tritanopia

9.3158, 5.4631, 1.8598

Trichromacy



Original Color

10.1915, 5.2964, 6.6161

Protanomaly

6.3884, 4.5205, 10.6611

Deuteranomaly

6.6287, 4.6861, 6.1854

Tritanomaly

9.5519, 5.3221, 3.1086

Monochromacy



Original Color

10.1915, 5.2964, 6.6161

Achromatopsia

3.3839, 3.5601, 3.8770

Achromatomaly

4.8170, 3.4179, 4.6808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1915, 5.2964, 6.6161 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(128, 11, 72)` looks like.

```
.text, #text, p{  
    color:rgb(128, 11, 72)  
}
```

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(128, 11, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 11, 72) }
```

Border

The CSS property to change the border of an element to XYZ 10.1915, 5.2964, 6.6161 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(128, 11, 72) }
```


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

```
.border{ border-color:rgb(128, 11, 72) }
```

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

Here you see how a box with a 4 pixel rgb(128, 11, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 11, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 11, 72);  
box-shadow:4px 4px 4px 4px rgb(128, 11,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 10.1915, 5.2964, 6.6161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 11, 72) }
```

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

```
.background{ background-color: rgb(128, 11,  
72) }
```

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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