

Converting Colors

XYZ(10.4664, 5.3916, 0.6712)

Have a look what the booklet for
XYZ(10.4664, 5.3916, 0.6712)
contains.

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Color

**XYZ(10.5141, 5.4164,
0.6636)**

Conversions

Conversions Part 1

Format	Color
Hex	8A0006
RGB	138, 0, 6
RGB Percent	54%, 0%, 2%
CMY	0.4588, 0.9999, 0.9765
CMYK	0.00, 1.00, 0.96, 0.46
HSL	357°, 100%, 27%
HSV	357°, 100%, 54%
XYZ	10.5141, 5.4164, 0.6636
YIQ	41.9460, 80.3220, 31.1220

Conversions

Conversions Part 2

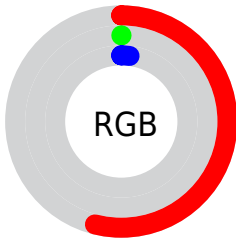
Format	Color
RYB	138, 0, 6
Decimal	9043974
CIELab	27.89, 50.84, 38.59
CIELCh	28, 63.830, 37.202
Yxy	5.4164, 0.6336, 0.3264
Android (android.graphics.Color)	4287234054 (0xFF8A0006)
YUV	41.9460, -17.7214, 84.2394
Hunter-Lab	23.2732, 39.9128, 14.6006

Details

The XYZ color **10.5141, 5.4164, 0.6636** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **13.2546, 19.8433, 24.9672**, and the grayscale version is **2.2073, 2.3223, 2.5289**.

A 20% lighter version of the original color is **26.2789, 16.6374, 4.9583**, and **3.1419, 1.6197, 0.1470** is the 20% darker color. If you saturate the color by 10%, you get **10.5139, 5.4163, 0.6631**, and if you desaturate by 10%, it is **10.7550, 5.7601, 1.1701**.

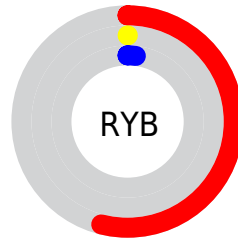
Distribution



Red (54%)

Green (0%)

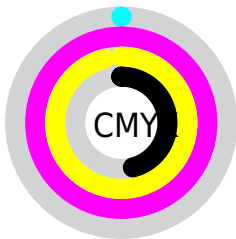
Blue (2%)



Red (54%)

Yellow (0%)

Blue (2%)

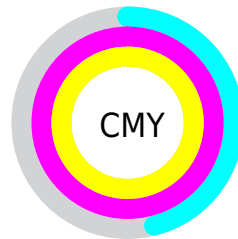


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (46%)



Cyan (46%)


Magenta (100%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.5141, 5.4164, 0.6636 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 10.5141, 5.4164, 0.6636 by changing the saturation by 10% instead.


 10.5141, 5.4164,
0.6636


 10.5141, 5.4164,
0.6636


 188.2809,
153.7682, 96.7101


 5.8060, 2.4936,
0.0000

 26.3991, 16.7077,
4.9876


 2.7670, 0.8734,
0.0000

 38.3067, 25.8450,
9.5310

 1.0318, 0.0000,
0.0000

 53.3448, 37.8225,
16.2301


 0.0000, 0.0000,
0.0000


 71.8788, 53.0247,
25.5035


 94.2741, 71.8360,
37.7696


 120.8959, 94.6407,

53.4470


 152.1098,
121.8233, 72.9544

 10.5141, 5.4164,
0.6636


 10.5141, 5.4164,
0.6636


 10.5139, 5.4163,
0.6631

 10.7550, 5.7601,
1.1701

 11.1536, 6.3222,
2.0278

 11.7740, 7.2122,
3.3156

 12.6421, 8.4700,
5.0799

 13.7803, 10.1295,
7.3611

■ 15.2084, 12.2209,
10.1953

■ 16.9446, 14.7716,
13.6154

■ 19.0052, 17.8064,
17.6517

■ 21.4058, 21.3488,
22.3323

Harmonies

Analogous

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



12.2417, 5.4164, 4.2174



10.5141, 5.4164, 0.6636



7.4428, 5.4164, 0.0000

Triad

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



10.5141, 5.4164, 0.6636



1.6835, 5.4164, 1.7990



5.8295, 5.4164, 36.5508

Complementary

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



10.5141, 5.4164, 0.6636



13.2546, 19.8433, 24.9672

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.



3.3815, 5.4164, 33.1273



10.5141, 5.4164, 0.6636



1.5157, 5.4164, 7.9735

Square

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



10.5141, 5.4164, 0.6636



2.5964, 5.4164, 0.0000



2.0131, 5.4164, 20.3056



8.9854, 5.4164, 27.5596

Rectangle

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



10.5141, 5.4164, 0.6636



5.4067, 5.4164, 0.0000



2.0131, 5.4164, 20.3056



4.8980, 5.4164, 36.8892

Sweetspot

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



10.5142, 5.4167, 0.6637



29.6509, 25.7182, 23.5731



13.9632, 6.6686, 24.5958



6.3898, 5.3851, 4.7744



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



10.5142, 5.4167, 0.6637



18.5174, 9.5412, 1.0879



12.2098, 8.8604, 1.0672



5.0411, 5.0519, 5.3049



9.6413, 4.9666, 0.6156



0.0651, 0.0334, 0.0094

Inverse Universe

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



10.5142, 5.4167, 0.6637



18.5174, 9.5412, 1.0879



7.1657, 6.9912, 25.0164



5.0411, 5.0519, 5.3049



9.6413, 4.9666, 0.6156



0.0651, 0.0334, 0.0094

Previews

White Background



This preview shows how the XYZ color 10.5141, 5.4164, 0.6636 looks on a white background.

Color Contrast Check

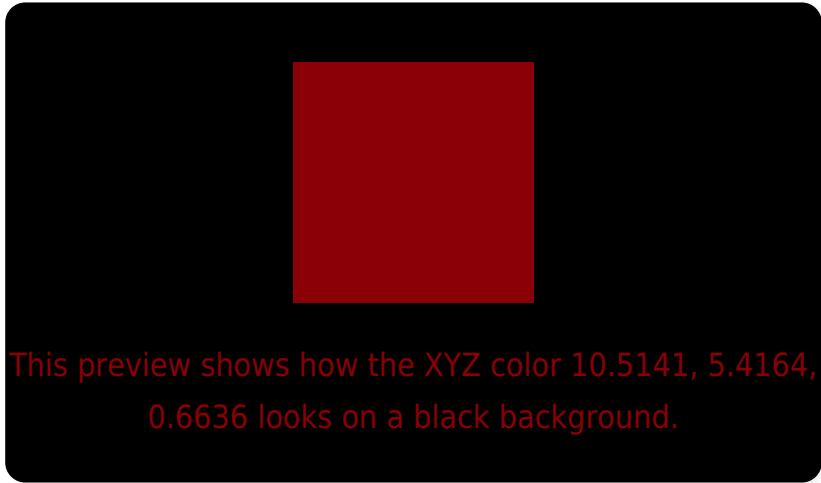
Large Text (above 18pt) WCAG AA ✓ Pass

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

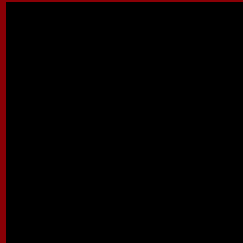
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.5141, 5.4164, 0.6636

Background



This preview shows how black text looks on a background with the XYZ color 10.5141, 5.4164, 0.6636.



This preview shows how white text looks on a background with the XYZ color 10.5141, 5.4164,

0.6636.

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

10.5141, 5.4164, 0.6636

Protanopia

5.4496, 6.0470, 1.4961

Deuteranopia

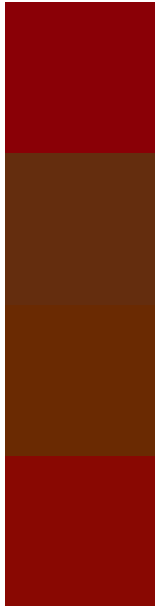
5.9727, 5.9711, 0.8377



Tritanopia

10.4605, 5.6062, 0.5308

Trichromacy



Original Color

10.5141, 5.4164, 0.6636

Protanomaly

6.2732, 4.6178, 0.9762

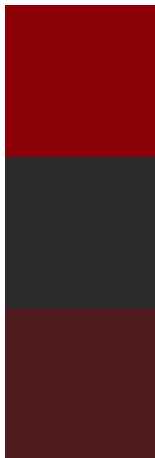
Deuteranomaly

6.7828, 4.7245, 0.6119

Tritanomaly

10.4143, 5.4964, 0.5695

Monochromacy



Original Color

10.5141, 5.4164, 0.6636

Achromatopsia

2.2007, 2.3153, 2.5214

Achromatomaly

3.6743, 2.4504, 1.4417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5141, 5.4164, 0.6636 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(138, 0, 6)` looks like.

```
.text, #text, p{  
    color:rgb(138, 0, 6)  
}
```

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(138, 0, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 0, 6) }
```

Border

The CSS property to change the border of an element to XYZ 10.5141, 5.4164, 0.6636 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(138, 0, 6) }
```


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

```
.border{ border-color:rgb(138, 0, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 0, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 0, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(138, 0, 6); box-shadow:4px  
4px 4px 4px rgb(138, 0, 6) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5141, 5.4164, 0.6636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 0, 6) }
```

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

```
.background{ background-color: rgb(138, 0,  
6) }
```

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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