

Converting Colors

XYZ(11.9764, 10.4467, 5.3914)

Have a look what the booklet for
XYZ(11.9764, 10.4467, 5.3914)
contains.

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Color

**XYZ(12.0183, 10.4754,
5.3915)**

Conversions

Conversions Part 1

Format	Color
Hex	7C513A
RGB	124, 81, 58
RGB Percent	49%, 32%, 23%
CMY	0.5137, 0.6823, 0.7725
CMYK	0.00, 0.35, 0.53, 0.51
HSL	21°, 36%, 36%
HSV	21°, 53%, 49%
XYZ	12.0183, 10.4754, 5.3915
YIQ	91.2350, 33.0110, 1.9630

Conversions

Conversions Part 2

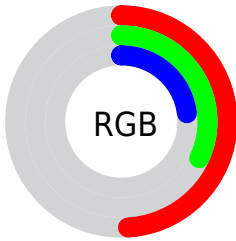
Format	Color
R_{YB}	124, 93, 58
Decimal	8147258
CIE _{Lab}	38.68, 15.26, 20.84
CIE _{LCh}	39, 25.828, 53.784
Yxy	10.4754, 0.4310, 0.3757
Android (android.graphics.Color)	4286337338 (0xFF7C513A)
YUV	91.2350, -16.3849, 28.7349
Hunter-Lab	32.3657, 9.6420, 12.7794

Details

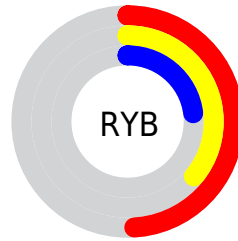
The XYZ color **12.0183, 10.4754, 5.3915** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **10.0364, 11.6616, 20.7906**, and the grayscale version is **10.0285, 10.5508, 11.4898**.

A 20% lighter version of the original color is **29.2565, 26.8362, 17.0025**, and **3.3896, 2.6740, 0.7894** is the 20% darker color. If you saturate the color by 10%, you get **11.1751, 9.2344, 3.7371**, and if you desaturate by 10%, it is **13.0095, 11.8907, 7.4704**.

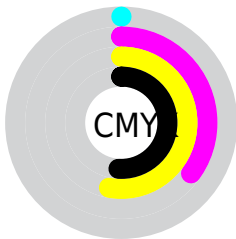
Distribution



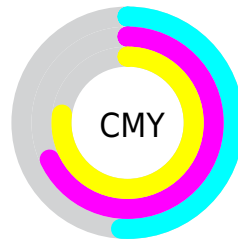
- Red (49%)
- Green (32%)
- Blue (23%)



- Red (49%)
- Yellow (36%)
- Blue (23%)



- Cyan (0%)
- Magenta (35%)
- Yellow (53%)
- Black (51%)





- Cyan (51%)
- Magenta (68%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 12.0183, 10.4754, 5.3915 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 12.0183, 10.4754, 5.3915 by changing the saturation by 10% instead.

 12.0183, 10.4754,
5.3915


 12.0183, 10.4754,
5.3915


198.2938,
194.0322, 162.6233


 6.8284, 5.7153,
2.4160


 29.1450, 26.6859,
17.1095


 3.4004, 2.6727,
0.7952

 41.8125, 38.9051,
26.6891


 1.3689, 0.9634,
0.0000

 57.7033, 54.3795,
39.3072

 0.2339, 0.0000,
0.0000

 77.1828, 73.4933,
55.3823

 0.0000, 0.0000,
0.0000

 100.6162, 96.6312,
75.3329

 128.3689,

124.1773, 99.5776

160.8064,
156.5162, 128.5349

■ 12.0183, 10.4754,
5.3915

■ 12.0183, 10.4754,
5.3915

■ 11.1751, 9.2344,
3.7371

■ 13.0095, 11.8907,
7.4704

■ 10.4710, 8.1590,
2.4766

■ 14.1553, 13.4855,
10.0002

■ 9.8974, 7.2419,
1.5760

■ 15.4627, 15.2666,
13.0062

■ 9.4436, 6.4743,
0.9932

■ 16.9382, 17.2402,
16.5111

■ 9.1839, 6.0287,
0.6796

■ 18.5877, 19.4120,
20.5367

■ 20.4171, 21.7873,
25.1031

■ 22.4318, 24.3716,
30.2294

■ 24.6369, 27.1698,
35.9339

■ 27.0374, 30.1869,
42.2340

Harmonies

Analogous

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



13.2620, 10.4754, 8.0278



12.0183, 10.4754, 5.3915



10.3152, 10.4754, 4.3946

Triad

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



12.0183, 10.4754, 5.3915



7.0443, 10.4754, 10.4208



11.3358, 10.4754, 22.3137

Complementary

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



12.0183, 10.4754, 5.3915



10.0364, 11.6616, 20.7906

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.



9.6063, 10.4754, 23.4929



12.0183, 10.4754, 5.3915



7.2517, 10.4754, 15.6194

Square

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



12.0183, 10.4754, 5.3915



7.5424, 10.4754, 6.7156



8.1452, 10.4754, 20.7634



12.8376, 10.4754, 17.8891

Rectangle

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



12.0183, 10.4754, 5.3915



9.1969, 10.4754, 4.5094



8.1452, 10.4754, 20.7634



10.7569, 10.4754, 23.1468

Sweetspot

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



12.0186, 10.4759, 5.3917



28.9557, 29.2061, 27.0130



12.2235, 8.2706, 13.5225



6.7163, 6.7407, 6.1162



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



12.0186, 10.4759, 5.3917



19.3603, 15.7911, 6.0085



14.9810, 16.4008, 6.3792



4.1020, 4.2224, 4.2233



9.3341, 6.1241, 0.6901



43.7967, 27.7568, 3.0493

Inverse Universe

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



10.0364, 11.6616, 20.7906



15.4478, 18.0760, 36.2315



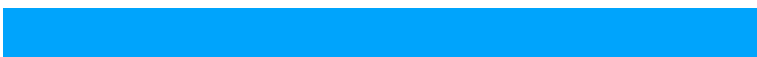
7.5112, 6.6111, 19.9489



3.9950, 4.2884, 5.0604



6.6708, 7.4241, 20.4667



31.0007, 33.7740, 97.3549

Previews

White Background



This preview shows how the XYZ color 12.0183, 10.4754, 5.3915 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 × Fail

Black Background



This preview shows how the XYZ color 12.0183, 10.4754, 5.3915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 12.0183, 10.4754, 5.3915

Background



This preview shows how black text looks on a background with the XYZ color 12.0183, 10.4754, 5.3915.



This preview shows how white text looks on a background with the XYZ color 12.0183, 10.4754,

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

12.0183, 10.4754, 5.3915

Protanopia

9.7562, 10.4826, 6.0666

Deuteranopia

10.7023, 10.4913, 5.3318



Tritanopia

12.8899, 10.5089, 9.5327

Trichromacy



Original Color

12.0183, 10.4754, 5.3915

Protanomaly

10.4348, 10.3415, 5.8610

Deuteranomaly

11.1895, 10.5054, 5.3089

Tritanomaly

12.4895, 10.4464, 7.8366

Monochromacy



Original Color

12.0183, 10.4754, 5.3915

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.4130, 10.2645, 8.8296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.0183, 10.4754, 5.3915 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(124, 81, 58)` looks like.

```
.text, #text, p{  
    color:rgb(124, 81, 58)  
}
```

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(124, 81, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 81, 58) }
```

Border

The CSS property to change the border of an element to XYZ 12.0183, 10.4754, 5.3915 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(124, 81, 58) }
```


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

```
.border{ border-color:rgb(124, 81, 58) }
```

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

Here you see how a box with a 4 pixel rgb(124, 81, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 81, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 81, 58);  
box-shadow:4px 4px 4px 4px rgb(124, 81,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 12.0183, 10.4754, 5.3915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 81, 58) }
```

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

```
.background{ background-color: rgb(124, 81,  
58) }
```

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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