

Converting Colors

XYZ(11.7682, 10.1005, 5.5254)

Have a look what the booklet for
XYZ(11.7682, 10.1005, 5.5254)
contains.

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Color

**XYZ(11.7538, 10.1187,
5.4713)**

Conversions

Conversions Part 1

Format	Color
Hex	7B4F3B
RGB	123, 79, 59
RGB Percent	48%, 31%, 23%
CMY	0.5176, 0.6902, 0.7686
CMYK	0.00, 0.36, 0.52, 0.52
HSL	19°, 35%, 36%
HSV	19°, 52%, 48%
XYZ	11.7538, 10.1187, 5.4713
YIQ	89.8760, 32.6440, 3.1080

Conversions

Conversions Part 2

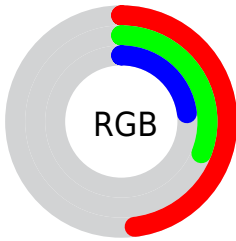
Format	Color
R_{YB}	123, 88, 59
Decimal	8081211
CIE Lab	38.05, 16.11, 19.39
CIE LCh	38, 25.214, 50.283
Yxy	10.1187, 0.4299, 0.3701
Android (android.graphics.Color)	4286271291 (0xFF7B4F3B)
YUV	89.8760, -15.2219, 29.0497
Hunter-Lab	31.8099, 10.2886, 12.0691

Details

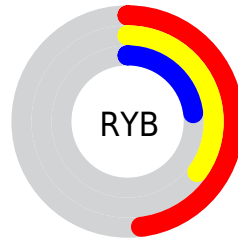
The XYZ color **11.7538, 10.1187, 5.4713** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **10.2288, 12.0599, 20.5275**, and the grayscale version is **9.7186, 10.2247, 11.1347**.

A 20% lighter version of the original color is **28.6808, 25.9439, 17.1317**, and **3.2641, 2.5211, 0.8048** is the 20% darker color. If you saturate the color by 10%, you get **10.9000, 8.8630, 3.7940**, and if you desaturate by 10%, it is **12.7609, 11.5607, 7.5709**.

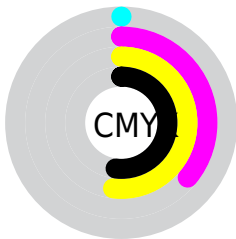
Distribution



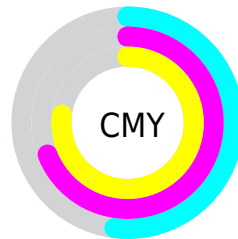
- Red (48%)
- Green (31%)
- Blue (23%)



- Red (48%)
- Yellow (35%)
- Blue (23%)



- Cyan (0%)
- Magenta (36%)
- Yellow (52%)
- Black (52%)



- Cyan (52%)
- Magenta (69%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7538, 10.1187, 5.4713 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 11.7538, 10.1187, 5.4713 by changing the saturation by 10% instead.

■ 11.7538, 10.1187,
5.4713

■ 11.7538, 10.1187,
5.4713

196.5719,
191.5172, 163.3940

■ 6.6473, 5.4777,
2.4628

■ 28.6667, 26.0185,
17.2816

■ 3.2869, 2.5302,
0.8204

■ 41.2037, 38.0462,
26.9204

■ 1.3072, 0.8917,
0.0000

■ 56.9483, 53.3048,
39.6065

■ 0.1886, 0.0000,
0.0000

■ 76.2658, 72.1789,
55.7583

■ 0.0000, 0.0000,
0.0000

■ 99.5215, 95.0528,
75.7945

■ 127.0809,

122.3108, 100.1334

159.3092,
154.3375, 129.1938

■ 11.7538, 10.1187,
5.4713

■ 11.7538, 10.1187,
5.4713

■ 10.9000, 8.8630,
3.7940

■ 12.7609, 11.5607,
7.5709

■ 10.1906, 7.7841,
2.5092

■ 13.9281, 13.1950,
10.1186

■ 9.6165, 6.8739,
1.5841

■ 15.2628, 15.0291,
13.1389

■ 9.1674, 6.1230,
0.9801

■ 16.7716, 17.0695,
16.6543

■ 8.8757, 5.6257,
0.6181

■ 18.4607, 19.3226,
20.6857

■ 20.3360, 21.7945,
25.2532

■ 22.4032, 24.4909,
30.3753

■ 24.6677, 27.4174,
36.0700

■ 27.1346, 30.5795,
42.3543

Harmonies

Analogous

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



12.8536, 10.1187, 8.1993



11.7538, 10.1187, 5.4713



10.1542, 10.1187, 4.3451

Triad

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



11.7538, 10.1187, 5.4713



6.8566, 10.1187, 9.5762



10.7410, 10.1187, 21.7136

Complementary

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



11.7538, 10.1187, 5.4713



10.2288, 12.0599, 20.5275

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.



9.1001, 10.1187, 22.3905



11.7538, 10.1187, 5.4713



6.9760, 10.1187, 14.4172

Square

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



11.7538, 10.1187, 5.4713



7.4102, 10.1187, 6.2345



7.7572, 10.1187, 19.4266



12.2247, 10.1187, 17.7762

Rectangle

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



11.7538, 10.1187, 5.4713



9.0708, 10.1187, 4.3534



7.7572, 10.1187, 19.4266



10.1857, 10.1187, 22.3659

Sweetspot

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



11.7540, 10.1192, 5.4715



28.8163, 28.9273, 26.9665



12.2209, 8.3344, 14.0081



6.6807, 6.6695, 6.1043



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.



11.7540, 10.1192, 5.4715



19.3136, 15.5633, 6.4076



14.5554, 15.7218, 6.4053



4.0911, 4.2006, 4.2197



9.1774, 5.8107, 0.6379



43.0970, 26.3574, 2.8160

Inverse Universe

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



10.2288, 12.0599, 20.5275



16.2484, 19.3922, 36.4433



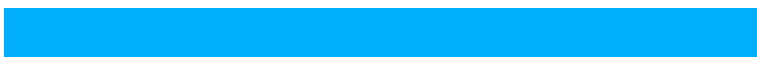
7.6833, 6.9689, 19.6790



4.0064, 4.3111, 5.0641



7.0181, 8.1186, 20.5824



32.6909, 37.1545, 97.9183

Previews

White Background



This preview shows how the XYZ color 11.7538, 10.1187, 5.4713 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 11.7538, 10.1187, 5.4713 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 11.7538, 10.1187, 5.4713

Background



This preview shows how black text looks on a background with the XYZ color 11.7538, 10.1187, 5.4713.



This preview shows how white text looks on a background with the XYZ color 11.7538, 10.1187,

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

11.7538, 10.1187, 5.4713

Protanopia

9.4831, 10.2126, 6.1740

Deuteranopia

10.2759, 10.1492, 5.4204



Tritanopia

12.5649, 10.1381, 9.2772

Trichromacy



Original Color

11.7538, 10.1187, 5.4713

Protanomaly

10.1411, 10.0675, 5.9662

Deuteranomaly

10.6670, 10.0027, 5.3715

Tritanomaly

12.2021, 10.0873, 7.7825

Monochromacy



Original Color

11.7538, 10.1187, 5.4713

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

10.2186, 10.0449, 8.7974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7538, 10.1187, 5.4713 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(123, 79, 59)` looks like.

```
.text, #text, p{  
    color:rgb(123, 79, 59)  
}
```

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(123, 79, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 79, 59) }
```

Border

The CSS property to change the border of an element to XYZ 11.7538, 10.1187, 5.4713 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(123, 79, 59) }
```


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

```
.border{ border-color:rgb(123, 79, 59) }
```

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

Here you see how a box with a 4 pixel rgb(123, 79, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 79, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 79, 59);  
box-shadow:4px 4px 4px 4px rgb(123, 79,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7538, 10.1187, 5.4713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 79, 59) }
```

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

```
.background{ background-color: rgb(123, 79,  
59) }
```

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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