

Converting Colors

XYZ(11.8323, 9.2592, 5.4281)

Have a look what the booklet for
XYZ(11.8323, 9.2592, 5.4281)
contains.

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Color

**XYZ(11.7582, 9.2186,
5.4346)**

Conversions

Conversions Part 1

Format	Color
Hex	7F463C
RGB	127, 70, 60
RGB Percent	50%, 27%, 24%
CMY	0.5020, 0.7255, 0.7647
CMYK	0.00, 0.45, 0.53, 0.50
HSL	9°, 36%, 37%
HSV	9°, 53%, 50%
XYZ	11.7582, 9.2186, 5.4346
YIQ	85.9030, 37.1820, 8.9740

Conversions

Conversions Part 2

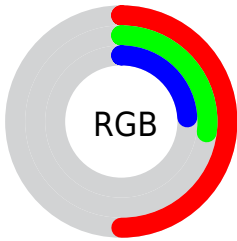
Format	Color
RYB	127, 72, 60
Decimal	8341052
CIELab	36.40, 23.27, 16.71
CIELCh	36, 28.646, 35.686
Yxy	9.2186, 0.4452, 0.3490
Android (android.graphics.Color)	4286531132 (0xFF7F463C)
YUV	85.9030, -12.7702, 36.0421
Hunter-Lab	30.3621, 15.9931, 10.6410

Details

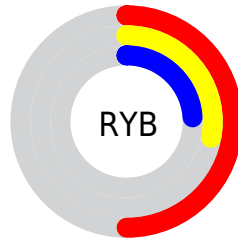
The XYZ color **11.7582, 9.2186, 5.4346** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **12.0552, 15.2148, 22.3801**, and the grayscale version is **8.8457, 9.3064, 10.1347**.

A 20% lighter version of the original color is **28.5421, 24.2003, 17.0767**, and **3.2599, 2.1528, 0.8160** is the 20% darker color. If you saturate the color by 10%, you get **10.8458, 7.8682, 3.6683**, and if you desaturate by 10%, it is **12.8733, 10.8454, 7.6663**.

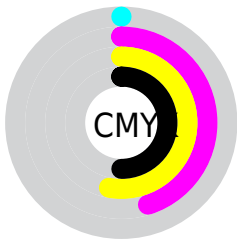
Distribution



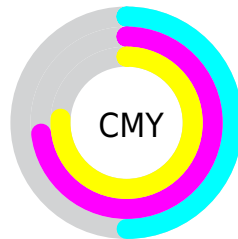
- Red (50%)
- Green (27%)
- Blue (24%)



- Red (50%)
- Yellow (28%)
- Blue (24%)



- Cyan (0%)
- Magenta (45%)
- Yellow (53%)
- Black (50%)





- Cyan (50%)
- Magenta (73%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.7582, 9.2186, 5.4346 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 11.7582, 9.2186, 5.4346 by changing the saturation by 10% instead.


 11.7582, 9.2186,
5.4346


 11.7582, 9.2186,
5.4346


196.6007,
185.0004, 163.0402


 6.6503, 4.8840,
2.4413


 28.6746, 24.3150,
17.2025


 3.2887, 2.1794,
0.8088

 41.2139, 35.8456,
26.8142


 1.3082, 0.7087,
0.0000

 56.9609, 50.5438,
39.4690

 0.1894, 0.0000,
0.0000

 76.2811, 68.7937,
55.5856

 0.0000, 0.0000,
0.0000

 99.5398, 90.9800,
75.5825

 127.1024,

117.4869, 99.8782

159.3342,
148.6989, 128.8913

■ 11.7582, 9.2186,
5.4346

■ 11.7582, 9.2186,
5.4346

■ 10.8458, 7.8682,
3.6683

■ 12.8733, 10.8454,
7.6663

■ 10.1231, 6.7775,
2.3338

■ 14.2016, 12.7614,
10.3927

■ 9.5764, 5.9299,
1.3939

■ 15.7541, 14.9804,
13.6414

■ 9.1899, 5.3064,
0.8041

■ 17.5403, 17.5146,
17.4376

■ 8.9846, 4.9765,
0.4870

■ 19.5695, 20.3758,
21.8051

■ 21.8505, 23.5750,
26.7662

■ 24.3914, 27.1229,
32.3419

■ 27.2001, 31.0296,
38.5523

■ 30.2842, 35.3047,
45.4166

Harmonies

Analogous

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



12.5155, 9.2186, 9.1209



11.7582, 9.2186, 5.4346



10.2075, 9.2186, 3.6087

Triad

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



11.7582, 9.2186, 5.4346



6.0616, 9.2186, 6.5973



9.0965, 9.2186, 22.8506

Complementary

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



11.7582, 9.2186, 5.4346



12.0552, 15.2148, 22.3801

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.



7.4598, 9.2186, 21.4942



11.7582, 9.2186, 5.4346



5.8457, 9.2186, 11.0135

Square

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



11.7582, 9.2186, 5.4346



6.9576, 9.2186, 4.1084



6.3236, 9.2186, 16.7006



10.8541, 9.2186, 19.9606

Rectangle

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



11.7582, 9.2186, 5.4346



9.0151, 9.2186, 3.2099



6.3236, 9.2186, 16.7006



8.5136, 9.2186, 22.8851

Sweetspot

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



11.7584, 9.2191, 5.4348



30.2015, 29.6527, 28.6460



13.6423, 9.0534, 18.1888



6.9426, 6.7603, 6.4337



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.



11.7584, 9.2191, 5.4348



19.1728, 13.7167, 6.0984



14.3621, 14.4265, 6.3027



4.3756, 4.4400, 4.5465



9.0605, 5.0175, 0.4909



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.0552, 15.2148, 22.3801



19.7365, 25.6102, 39.8593



8.9088, 8.9220, 21.3313



4.3935, 4.7809, 5.5045



9.2751, 12.3686, 22.1485



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.7582, 9.2186, 5.4346 looks on a white background.

Color Contrast Check

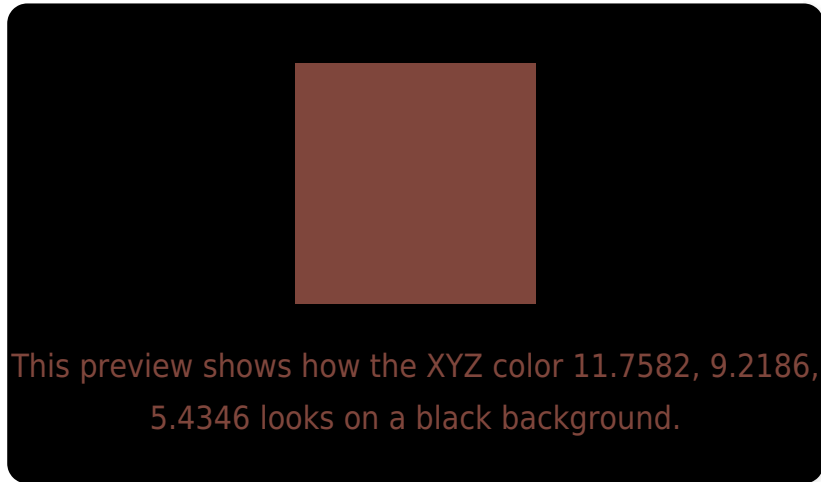
Large Text (above 18pt) WCAG AA ✓ Pass

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

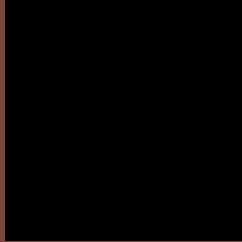
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.7582, 9.2186, 5.4346

Background



This preview shows how black text looks on a background with the XYZ color 11.7582, 9.2186, 5.4346.

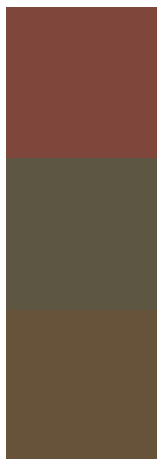


This preview shows how white text looks on a background with the XYZ color 11.7582, 9.2186,

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

11.7582, 9.2186, 5.4346

Protanopia

8.7545, 9.3361, 6.6508

Deuteranopia

9.3745, 9.2236, 5.2892



Tritanopia

12.1718, 9.2045, 7.4384

Trichromacy



Original Color

11.7582, 9.2186, 5.4346

Protanomaly

9.6198, 9.1107, 6.1020

Deuteranomaly

10.1959, 9.2093, 5.3779

Tritanomaly

12.0736, 9.2628, 6.6204

Monochromacy



Original Color

11.7582, 9.2186, 5.4346

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

9.5750, 9.0398, 8.2614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7582, 9.2186, 5.4346 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(127, 70, 60)` looks like.

```
.text, #text, p{  
    color:rgb(127, 70, 60)  
}
```

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(127, 70, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 70, 60) }
```

Border

The CSS property to change the border of an element to XYZ 11.7582, 9.2186, 5.4346 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(127, 70, 60) }
```


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

```
.border{ border-color:rgb(127, 70, 60) }
```

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

Here you see how a box with a 4 pixel rgb(127, 70, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 70, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 70, 60);  
box-shadow:4px 4px 4px 4px rgb(127, 70,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7582, 9.2186, 5.4346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 70, 60) }
```

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

```
.background{ background-color: rgb(127, 70,  
60) }
```

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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