

Converting Colors

XYZ(11.6733, 11.2828, 10.5755)

Have a look what the booklet for
XYZ(11.6733, 11.2828, 10.5755)
contains.

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Color

**XYZ(11.6831, 11.2517,
10.5728)**

Conversions

Conversions Part 1

Format	Color
Hex	6D5A57
RGB	109, 90, 87
RGB Percent	43%, 35%, 34%
CMY	0.5725, 0.6470, 0.6588
CMYK	0.00, 0.17, 0.20, 0.57
HSL	8°, 11%, 38%
HSV	8°, 20%, 43%
XYZ	11.6831, 11.2517, 10.5728
YIQ	95.3390, 12.2870, 3.0950

Conversions

Conversions Part 2

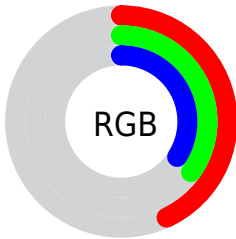
Format	Color
R_{YB}	109, 90, 87
Decimal	7166551
CIE Lab	40.00, 7.22, 4.63
CIE LCh	40, 8.576, 32.655
Yxy	11.2517, 0.3487, 0.3358
Android (android.graphics.Color)	4285356631 (0xFF6D5A57)
YUV	95.3390, -4.1111, 11.9807
Hunter-Lab	33.5436, 3.4697, 4.7925

Details

The XYZ color **11.6831, 11.2517, 10.5728** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.8445, 13.4378, 16.4374**, and the grayscale version is **10.9664, 11.5375, 12.5643**.

A 20% lighter version of the original color is **28.5914, 28.1394, 27.5914**, and **3.2431, 2.9606, 2.5910** is the 20% darker color. If you saturate the color by 10%, you get **10.5268, 9.5987, 8.1537**, and if you desaturate by 10%, it is **13.0079, 13.1338, 13.3801**.

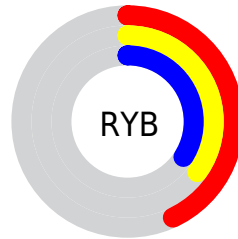
Distribution



Red (43%)

Green (35%)

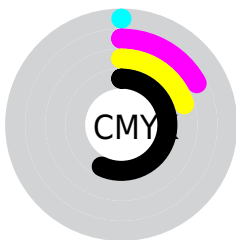
Blue (34%)



Red (43%)

Yellow (35%)

Blue (34%)

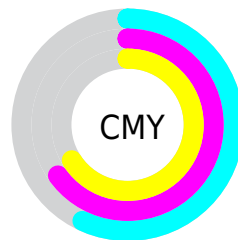


Cyan (0%)

Magenta (17%)

Yellow (20%)

Black (57%)



Cyan (57%)

Magenta (65%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6831, 11.2517, 10.5728 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 11.6831, 11.2517, 10.5728 by changing the saturation by 10% instead.

■ 11.6831, 11.2517,
10.5728

■ 11.6831, 11.2517,
10.5728

196.1090,
199.3863, 205.3439

■ 6.5989, 6.2364,
5.6698

■ 28.5385, 28.1247,
27.4919

■ 3.2567, 2.9894,
2.5799

■ 41.0404, 40.7511,
40.3451

■ 1.2909, 1.1262,
0.8820

■ 56.7457, 56.6834,
56.6855

■ 0.1764, 0.0001,
0.0000

■ 76.0196, 76.3060,
76.9316

■ 0.0000, 0.0000,
0.0000

■ 99.2275, 100.0031,
101.5020

126.7348,

128.1593, 130.8151

158.9069,
161.1589, 165.2896

■ 11.6831, 11.2517,
10.5728

■ 11.6831, 11.2517,
10.5728

■ 10.5268, 9.5987,
8.1537

■ 13.0079, 13.1338,
13.3801

■ 9.5312, 8.1645,
6.1051

■ 14.5065, 15.2516,
16.5910

■ 8.6896, 6.9403,
4.4088

■ 16.1854, 17.6134,
20.2208

■ 7.9940, 5.9163,
3.0449

■ 18.0502, 20.2268,
24.2838

■ 7.4360, 5.0818,
1.9914

■ 20.1065, 23.0988,
28.7937

■ 7.0063, 4.4250,
1.2238

■ 22.3594, 26.2362,
33.7636

■ 6.6944, 3.9328,
0.7139

■ 24.8142, 29.6458,
39.2059

■ 6.4758, 3.5894,
0.3515

■ 27.4756, 33.3338,
45.1328

■ 30.3483, 37.3064,
51.5558

Harmonies

Analogous

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



11.8739, 11.2517, 12.1006



11.6831, 11.2517, 10.5728



11.2266, 11.2517, 9.5742

Triad

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



11.6831, 11.2517, 10.5728



9.7135, 11.2517, 10.8120



10.7473, 11.2517, 15.8101

Complementary

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



11.6831, 11.2517, 10.5728



11.8445, 13.4378, 16.4374

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.



10.1793, 11.2517, 15.3857



11.6831, 11.2517, 10.5728



9.5957, 11.2517, 12.4030

Square

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



11.6831, 11.2517, 10.5728



10.0911, 11.2517, 9.7031



9.7631, 11.2517, 14.0984



11.3213, 11.2517, 15.2104

Rectangle

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



11.6831, 11.2517, 10.5728



10.8408, 11.2517, 9.2903



9.7631, 11.2517, 14.0984



10.5493, 11.2517, 15.7825

Sweetspot

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



11.6834, 11.2522, 10.5730



24.3325, 24.9897, 26.1802



12.3199, 11.1097, 15.1489



5.6354, 5.7772, 6.0347



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.6834, 11.2522, 10.5730



19.9562, 18.7721, 16.9067



12.6742, 13.2337, 10.9033



3.1300, 3.1773, 3.2658



7.5620, 4.1736, 0.4070



38.1419, 20.4874, 1.9442

Inverse Universe

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



11.8445, 13.4378, 16.4374



20.2975, 23.4104, 29.3561



10.7891, 11.3269, 16.0856



3.1483, 3.4250, 3.9300



7.9103, 10.6550, 18.5619



39.8410, 53.3606, 94.4260

Previews

White Background



This preview shows how the XYZ color 11.6831, 11.2517, 10.5728 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 11.6831, 11.2517, 10.5728 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 11.6831, 11.2517, 10.5728

Background



This preview shows how black text looks on a background with the XYZ color 11.6831, 11.2517, 10.5728.

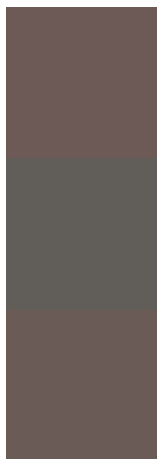


This preview shows how white text looks on a background with the XYZ color 11.6831, 11.2517,

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

11.6831, 11.2517, 10.5728

Protanopia

10.7356, 11.2681, 11.0603

Deuteranopia

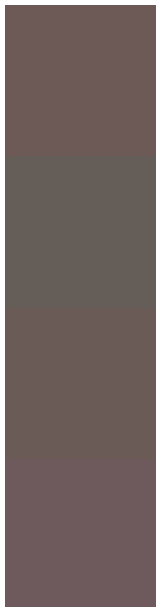
11.4052, 11.2345, 10.5842



Tritanopia

12.1141, 11.3043, 12.6098

Trichromacy



Original Color

11.6831, 11.2517, 10.5728

Protanomaly

11.0426, 11.3000, 10.8316

Deuteranomaly

11.5248, 11.2961, 10.5898

Tritanomaly

11.9786, 11.2501, 11.8961

Monochromacy



Original Color

11.6831, 11.2517, 10.5728

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.1016, 11.3107, 11.7233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6831, 11.2517, 10.5728 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(109, 90, 87)` looks like.

```
.text, #text, p{  
    color:rgb(109, 90, 87)  
}
```

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(109, 90, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 90, 87) }
```

Border

The CSS property to change the border of an element to XYZ 11.6831, 11.2517, 10.5728 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(109, 90, 87) }
```


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

```
.border{ border-color:rgb(109, 90, 87) }
```

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

Here you see how a box with a 4 pixel rgb(109, 90, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 90, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 90, 87);  
box-shadow:4px 4px 4px 4px rgb(109, 90,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6831, 11.2517, 10.5728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 90, 87) }
```

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

```
.background{ background-color: rgb(109, 90,  
87) }
```

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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