

Converting Colors

XYZ(11.4630, 11.2400, 10.3022)

Have a look what the booklet for
XYZ(11.4630, 11.2400, 10.3022)
contains.

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Color

**XYZ(11.4842, 11.2799,
10.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	6B5B56
RGB	107, 91, 86
RGB Percent	42%, 36%, 34%
CMY	0.5804, 0.6431, 0.6627
CMYK	0.00, 0.15, 0.20, 0.58
HSL	14°, 11%, 38%
HSV	14°, 20%, 42%
XYZ	11.4842, 11.2799, 10.3760
YIQ	95.2140, 11.1410, 1.8370

Conversions

Conversions Part 2

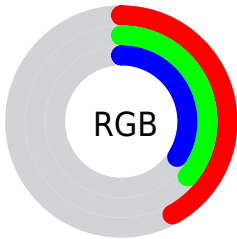
Format	Color
R_{YB}	107, 93, 86
Decimal	7035734
CIE _{Lab}	40.05, 5.60, 5.28
CIE _{LCh}	40, 7.698, 43.325
Yxy	11.2799, 0.3465, 0.3404
Android (android.graphics.Color)	4285225814 (0xFF6B5B56)
YUV	95.2140, -4.5425, 10.3363
Hunter-Lab	33.5856, 2.2613, 5.1927

Details

The XYZ color **11.4842, 11.2799, 10.3760** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.2428, 12.5422, 15.7383**, and the grayscale version is **10.9375, 11.5071, 12.5312**.

A 20% lighter version of the original color is **28.2669, 28.1983, 27.2455**, and **3.1423, 2.9667, 2.5048** is the 20% darker color. If you saturate the color by 10%, you get **10.4257, 9.8018, 8.0531**, and if you desaturate by 10%, it is **12.6836, 12.9362, 13.0646**.

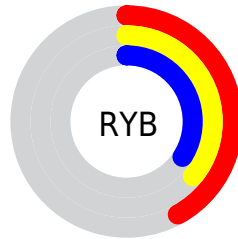
Distribution



Red (42%)

Green (36%)

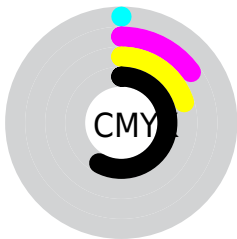
Blue (34%)



Red (42%)

Yellow (36%)

Blue (34%)

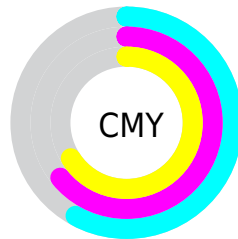


Cyan (0%)

Magenta (15%)

Yellow (20%)

Black (58%)



Cyan (58%)

Magenta (64%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4842, 11.2799, 10.3760 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 11.4842, 11.2799, 10.3760 by changing the saturation by 10% instead.

■ 11.4842, 11.2799,
10.3760

■ 11.4842, 11.2799,
10.3760

194.8005,
199.5779, 203.9163

■ 6.4632, 6.2554,
5.5401

■ 28.1772, 28.1766,
27.1192

■ 3.1720, 3.0010,
2.5033

■ 40.5799, 40.8176,
39.8635

■ 1.2454, 1.1323,
0.8419

■ 56.1739, 56.7663,
56.0811

■ 0.1418, 0.0053,
0.0000

■ 75.3245, 76.4070,
76.1904

■ 0.0000, 0.0000,
0.0000

■ 98.3971, 100.1241,
100.6101

125.7571,

128.3020, 129.7586

157.7697,
161.3251, 164.0545

■ 11.4842, 11.2799,
10.3760

■ 11.4842, 11.2799,
10.3760

■ 10.4257, 9.8018,
8.0531

■ 12.6836, 12.9362,
13.0646

■ 9.5019, 8.4946,
6.0794

■ 14.0280, 14.7749,
16.1331

■ 8.7075, 7.3522,
4.4380

■ 15.5223, 16.8020,
19.5959

■ 8.0364, 6.3682,
3.1104

■ 17.1711, 19.0225,
23.4661

■ 7.4822, 5.5353,
2.0765

■ 18.9788, 21.4415,
27.7566

■ 7.0377, 4.8458,
1.3134

■ 20.9494, 24.0639,
32.4795

■ 6.6949, 4.2912,
0.7951

■ 23.0870, 26.8942,
37.6465

■ 6.4305, 3.8564,
0.4169

■ 25.3954, 29.9369,
43.2688

■ 6.4216, 3.8422,
0.4032

■ 27.8784, 33.1963,
49.3572

Harmonies

Analogous

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



11.7497, 11.2799, 11.6177



11.4842, 11.2799, 10.3760



11.0180, 11.2799, 9.6792

Triad

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



11.4842, 11.2799, 10.3760



9.7691, 11.2799, 11.4588



10.9592, 11.2799, 15.3652

Complementary

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



11.4842, 11.2799, 10.3760



11.2428, 12.5422, 15.7383

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.



10.4298, 11.2799, 15.3137



11.4842, 11.2799, 10.3760



9.7545, 11.2799, 12.9709

Square

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



11.4842, 11.2799, 10.3760



10.0332, 11.2799, 10.2680



9.9928, 11.2799, 14.4080



11.4399, 11.2799, 14.5433

Rectangle

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



11.4842, 11.2799, 10.3760



10.6619, 11.2799, 9.5785



9.9928, 11.2799, 14.4080



10.7808, 11.2799, 15.4514

Sweetspot

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



11.4845, 11.2804, 10.3762



23.5139, 24.2645, 25.2148



11.7945, 10.7428, 14.0484



5.6658, 5.8380, 6.0448



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.



11.4845, 11.2804, 10.3762



19.5759, 18.8225, 16.3984



12.4358, 13.1830, 10.6933



3.1529, 3.2231, 3.2734



7.7904, 4.6306, 0.4832



39.1156, 22.4348, 2.2687

Inverse Universe

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



11.2428, 12.5422, 15.7383



19.0490, 21.5666, 28.0665



10.2843, 10.6252, 15.4188



3.1237, 3.3758, 3.9218



6.8306, 8.4956, 18.2021



34.1116, 41.9017, 92.5162

Previews

White Background



This preview shows how the XYZ color 11.4842, 11.2799, 10.3760 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 11.4842, 11.2799, 10.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

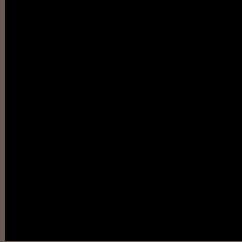
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.4842, 11.2799, 10.3760

Background



This preview shows how black text looks on a background with the XYZ color 11.4842, 11.2799, 10.3760.



This preview shows how white text looks on a background with the XYZ color 11.4842, 11.2799,

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

11.4842, 11.2799, 10.3760

Protanopia

10.8012, 11.3067, 10.8456

Deuteranopia

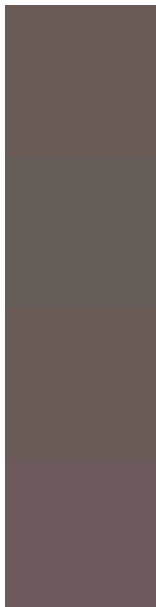
11.4842, 11.2799, 10.3760



Tritanopia

11.8680, 11.1774, 12.5983

Trichromacy



Original Color

11.4842, 11.2799, 10.3760

Protanomaly

11.0015, 11.2835, 10.6149

Deuteranomaly

11.4842, 11.2799, 10.3760

Tritanomaly

11.7723, 11.2732, 11.6807

Monochromacy



Original Color

11.4842, 11.2799, 10.3760

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.0801, 11.4308, 11.7476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4842, 11.2799, 10.3760 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(107, 91, 86)` looks like.

```
.text, #text, p{  
    color:rgb(107, 91, 86)  
}
```

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(107, 91, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 91, 86) }
```

Border

The CSS property to change the border of an element to XYZ 11.4842, 11.2799, 10.3760 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(107, 91, 86) }
```


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

```
.border{ border-color:rgb(107, 91, 86) }
```

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

Here you see how a box with a 4 pixel rgb(107, 91, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 91, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 91, 86);  
box-shadow:4px 4px 4px 4px rgb(107, 91,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4842, 11.2799, 10.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 91, 86) }
```

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

```
.background{ background-color: rgb(107, 91,  
86) }
```

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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