

Converting Colors

XYZ(10.5832, 10.2063, 8.0687)

Have a look what the booklet for
XYZ(10.5832, 10.2063, 8.0687)
contains.

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Color

**XYZ(10.6612, 10.2894,
8.0808)**

Conversions

Conversions Part 1

Format	Color
Hex	6B564B
RGB	107, 86, 75
RGB Percent	42%, 34%, 29%
CMY	0.5804, 0.6627, 0.7059
CMYK	0.00, 0.20, 0.30, 0.58
HSL	21°, 18%, 36%
HSV	21°, 30%, 42%
XYZ	10.6612, 10.2894, 8.0808
YIQ	91.0250, 16.0470, 1.0310

Conversions

Conversions Part 2

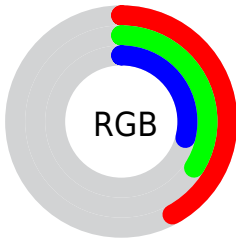
Format	Color
R_{YB}	107, 92, 75
Decimal	7034443
CIE _{Lab}	38.36, 6.84, 9.67
CIE _{LCh}	38, 11.844, 54.738
Yxy	10.2894, 0.3672, 0.3544
Android (android.graphics.Color)	4285224523 (0xFF6B564B)
YUV	91.0250, -7.9003, 14.0101
Hunter-Lab	32.0771, 3.1917, 7.5177

Details

The XYZ color **10.6612, 10.2894, 8.0808** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.7383, 10.9228, 15.5050**, and the grayscale version is **9.9647, 10.4836, 11.4167**.

A 20% lighter version of the original color is **26.7403, 26.4345, 22.7618**, and **2.8439, 2.6146, 1.6511** is the 20% darker color. If you saturate the color by 10%, you get **9.7921, 9.0888, 6.1337**, and if you desaturate by 10%, it is **11.6476, 11.6258, 10.3712**.

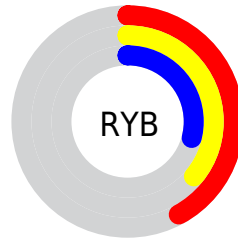
Distribution



Red (42%)

Green (34%)

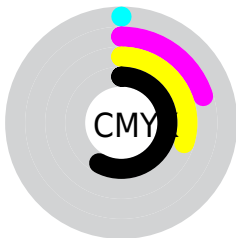
Blue (29%)



Red (42%)

Yellow (36%)

Blue (29%)

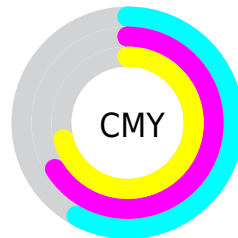


Cyan (0%)

Magenta (20%)

Yellow (30%)

Black (58%)



Cyan (58%)

Magenta (66%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6612, 10.2894, 8.0808 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 10.6612, 10.2894, 8.0808 by changing the saturation by 10% instead.

■ 10.6612, 10.2894,
8.0808

■ 10.6612, 10.2894,
8.0808

189.2849,
192.7253, 186.3226

■ 5.9051, 5.5913,
4.0582

■ 26.6705, 26.3384,
22.6655

■ 2.8276, 2.5982,
1.6573

■ 38.6544, 38.4581,
34.0646

■ 1.0632, 0.9257,
0.3312

■ 53.7783, 53.8204,
48.7597

■ 0.0000, 0.0000,
0.0000

■ 72.4075, 72.8097,
67.1692

■ 94.9074, 95.8105,
89.7117

121.6434,

123.2071, 116.8057

152.9808,
155.3839, 148.8699

■ 10.6612, 10.2894,
8.0808

■ 10.6612, 10.2894,
8.0808

■ 9.7921, 9.0888,
6.1337

■ 11.6476, 11.6258,
10.3712

■ 9.0348, 8.0181,
4.5126

■ 12.7547, 13.1008,
13.0198

■ 8.3845, 7.0732,
3.1993

■ 13.9872, 14.7187,
16.0416

■ 7.8358, 6.2491,
2.1741

■ 15.3488, 16.4834,
19.4503

■ 7.3828, 5.5405,
1.4144

■ 16.8433, 18.3987,
23.2590

■ 7.0188, 4.9417,
0.8945

■ 18.4744, 20.4679,
27.4802

■ 6.7210, 4.4402,
0.5057

■ 20.2455, 22.6946,
32.1258

■ 6.7184, 4.4359,
0.5021

■ 22.1599, 25.0821,
37.2074

■ 24.2208, 27.6335,
42.7359

Harmonies

Analogous

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



11.1895, 10.2894, 9.5183



10.6612, 10.2894, 8.0808



9.9164, 10.2894, 7.4838

Triad

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



10.6612, 10.2894, 8.0808



8.3760, 10.2894, 10.8184



10.4136, 10.2894, 15.5208

Complementary

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



10.6612, 10.2894, 8.0808



9.7383, 10.9228, 15.5050

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.



9.6444, 10.2894, 15.9876



10.6612, 10.2894, 8.0808



8.4937, 10.2894, 13.0765

Square

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



10.6612, 10.2894, 8.0808



8.6181, 10.2894, 8.9258



8.9483, 10.2894, 15.0418



11.0414, 10.2894, 13.8388

Rectangle

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



10.6612, 10.2894, 8.0808



9.4073, 10.2894, 7.5773



8.9483, 10.2894, 15.0418



10.1620, 10.2894, 15.8336

Sweetspot

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



10.6615, 10.2899, 8.0810



22.9760, 23.6396, 23.6457



10.7063, 9.0088, 12.3216



5.5032, 5.6451, 5.5826



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.



10.6615, 10.2899, 8.0810



17.9628, 16.8717, 11.9292



12.0521, 13.0712, 8.5446



3.1770, 3.2712, 3.2814



8.1465, 5.3427, 0.6019



40.7698, 25.7433, 2.8201

Inverse Universe

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



9.7383, 10.9228, 15.5050



16.0146, 18.2012, 27.5768



8.4488, 8.3438, 15.0751



3.0985, 3.3253, 3.9134



5.8803, 6.5949, 17.8853



29.1315, 31.9416, 90.8562

Previews

White Background



This preview shows how the XYZ color 10.6612, 10.2894, 8.0808 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 10.6612, 10.2894, 8.0808 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 10.6612, 10.2894, 8.0808

Background



This preview shows how black text looks on a background with the XYZ color 10.6612, 10.2894, 8.0808.



This preview shows how white text looks on a background with the XYZ color 10.6612, 10.2894,

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

10.6612, 10.2894, 8.0808

Protanopia

9.7150, 10.2810, 8.4936

Deuteranopia

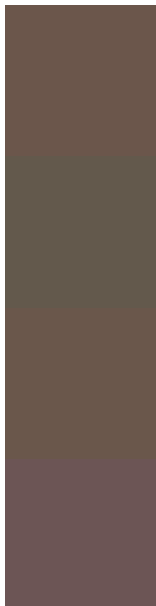
10.5039, 10.3276, 8.0964



Tritanopia

11.3225, 10.3300, 11.0700

Trichromacy



Original Color

10.6612, 10.2894, 8.0808

Protanomaly

10.0225, 10.3192, 8.3010

Deuteranomaly

10.6221, 10.3886, 8.1020

Tritanomaly

11.0725, 10.3410, 10.0068

Monochromacy



Original Color

10.6612, 10.2894, 8.0808

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.1418, 10.3420, 10.0560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6612, 10.2894, 8.0808 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, 86, 75)` looks like.

```
.text, #text, p{  
    color:rgb(107, 86, 75)  
}
```

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, 86, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 86, 75) }
```

Border

The CSS property to change the border of an element to XYZ 10.6612, 10.2894, 8.0808 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, 86, 75) }
```


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

```
.border{ border-color:rgb(107, 86, 75) }
```

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

Here you see how a box with a 4 pixel rgb(107, 86, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 86, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 86, 75);  
box-shadow:4px 4px 4px 4px rgb(107, 86,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6612, 10.2894, 8.0808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 86, 75) }
```

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

```
.background{ background-color: rgb(107, 86,  
75) }
```

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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