

Converting Colors

XYZ(10.8349, 11.5962, 8.6891)

Have a look what the booklet for
XYZ(10.8349, 11.5962, 8.6891)
contains.

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Color

**XYZ(10.8893, 11.6683,
8.6995)**

Conversions

Conversions Part 1

Format	Color
Hex	65604D
RGB	101, 96, 77
RGB Percent	40%, 38%, 30%
CMY	0.6039, 0.6235, 0.6980
CMYK	0.00, 0.05, 0.24, 0.60
HSL	48°, 13%, 35%
HSV	48°, 24%, 40%
XYZ	10.8893, 11.6683, 8.6995
YIQ	95.3290, 9.0790, -4.8490

Conversions

Conversions Part 2

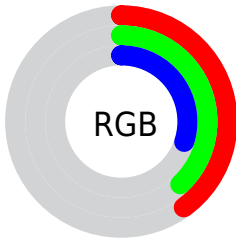
Format	Color
R_{YB}	83, 101, 77
Decimal	6643789
CIE Lab	40.68, -1.49, 11.59
CIE LCh	41, 11.685, 97.304
Yxy	11.6683, 0.3484, 0.3733
Android (android.graphics.Color)	4284833869 (0xFF65604D)
YUV	95.3290, -9.0362, 4.9735
Hunter-Lab	34.1589, -2.8752, 8.8114

Details

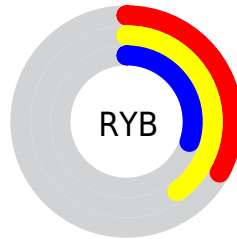
The XYZ color **10.8893, 11.6683, 8.6995** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8.4268, 8.5518, 13.5186**, and the grayscale version is **10.9760, 11.5476, 12.5753**.

A 20% lighter version of the original color is **26.9937, 28.7395, 23.8632**, and **2.9364, 3.1753, 1.8970** is the 20% darker color. If you saturate the color by 10%, you get **10.3708, 11.1583, 6.9018**, and if you desaturate by 10%, it is **11.4689, 12.2117, 10.7911**.

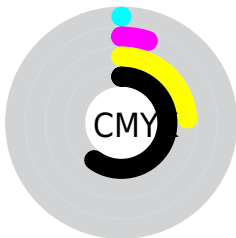
Distribution



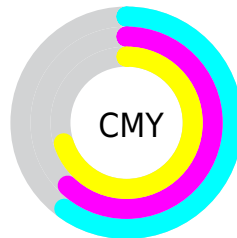
- Red (40%)
- Green (38%)
- Blue (30%)



- Red (33%)
- Yellow (40%)
- Blue (30%)



- Cyan (0%)
- Magenta (5%)
- Yellow (24%)
- Black (60%)



- Cyan (60%)
- Magenta (62%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.8893, 11.6683, 8.6995 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 10.8893, 11.6683, 8.6995 by changing the saturation by 10% instead.

■ 10.8893, 11.6683,
8.6995

■ 10.8893, 11.6683,
8.6995

190.8305,
202.1968, 191.2549

■ 6.0592, 6.5182,
4.4516

■ 27.0901, 28.8895,
23.8872

■ 2.9221, 3.1627,
1.8762

■ 39.1914, 41.7295,
35.6640

■ 1.1127, 1.2172,
0.4775

■ 54.4472, 57.9015,
50.7875

■ 0.0357, 0.0757,
0.0000

■ 73.2228, 77.7900,
69.6763

■ 0.0000, 0.0000,
0.0000

■ 95.8836, 101.7794,
92.7489

122.7949,

130.2541, 120.4239

154.3221,
163.5984, 153.1197

■ 10.8893, 11.6683,
8.6995

■ 10.8893, 11.6683,
8.6995

■ 10.3708, 11.1583,
6.9018

■ 11.4689, 12.2117,
10.7911

■ 9.9100, 10.6792,
5.3839

■ 12.1112, 12.7881,
13.1885

■ 9.5043, 10.2302,
4.1315

■ 12.8188, 13.3989,
15.9038

■ 9.1507, 9.8101,
3.1288

■ 13.5937, 14.0451,
18.9481

■ 8.8459, 9.4174,
2.3584

■ 14.4381, 14.7275,
22.3321

■ 8.5861, 9.0507,
1.8005

■ 15.3540, 15.4471,
26.0661

■ 8.3647, 8.7071,
1.4207

■ 16.3431, 16.2045,
30.1596

■ 8.2332, 8.4994,
1.2066

■ 17.4074, 17.0006,
34.6222

■ 18.5486, 17.8362,
39.4628

Harmonies

Analogous

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



11.7157, 11.6683, 8.9472



10.8893, 11.6683, 8.6995



10.1537, 11.6683, 9.4137

Triad

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



10.8893, 11.6683, 8.6995



9.8722, 11.6683, 15.6716



12.6241, 11.6683, 14.5455

Complementary

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



10.8893, 11.6683, 8.6995



8.4268, 8.5518, 13.5186

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.



12.0829, 11.6683, 16.6854



10.8893, 11.6683, 8.6995



10.4877, 11.6683, 17.3899

Square

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



10.8893, 11.6683, 8.6995



9.5857, 11.6683, 13.2930



11.2939, 11.6683, 17.7822



12.7447, 11.6683, 12.1342

Rectangle

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



10.8893, 11.6683, 8.6995



9.8044, 11.6683, 10.3987



11.2939, 11.6683, 17.7822



12.4841, 11.6683, 15.3289

Sweetspot

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



10.8896, 11.6688, 8.6997



20.4008, 21.6076, 21.1674



9.5515, 8.6869, 9.1961



5.0108, 5.3087, 5.1749



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



10.8896, 11.6688, 8.6997



18.1437, 19.4957, 13.0090



10.6300, 12.2336, 8.8224



2.9944, 3.1762, 3.0297



10.7660, 11.0852, 1.5722



55.5103, 56.5345, 7.9865

Inverse Universe

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



8.4268, 8.5518, 13.5186



13.0552, 13.0564, 22.9687



8.6413, 8.1231, 13.4245



2.7348, 2.8475, 3.5375



3.4046, 1.8810, 16.3280



17.2244, 8.7454, 84.9816

Previews

White Background



This preview shows how the XYZ color 10.8893, 11.6683, 8.6995 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 10.8893, 11.6683, 8.6995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

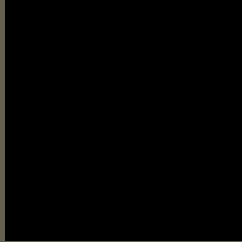
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.8893, 11.6683, 8.6995

Background



This preview shows how black text looks on a background with the XYZ color 10.8893, 11.6683, 8.6995.

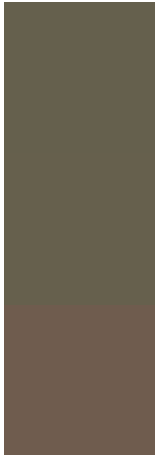


This preview shows how white text looks on a background with the XYZ color 10.8893, 11.6683,

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

10.8893, 11.6683, 8.6995

Protanopia

11.0019, 11.7263, 8.7047

Deuteranopia

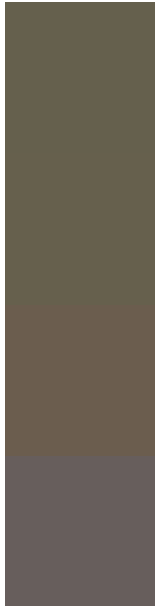
11.7578, 11.5839, 8.8239



Tritanopia

11.9235, 11.6919, 13.6849

Trichromacy



Original Color

10.8893, 11.6683, 8.6995

Protanomaly

11.0019, 11.7263, 8.7047

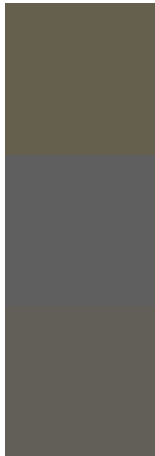
Deuteranomaly

11.3529, 11.5046, 8.8300

Tritanomaly

11.5280, 11.6617, 11.7686

Monochromacy



Original Color

10.8893, 11.6683, 8.6995

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.7834, 11.4304, 10.8705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8893, 11.6683, 8.6995 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(101, 96, 77)` looks like.

```
.text, #text, p{  
    color:rgb(101, 96, 77)  
}
```

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(101, 96, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 96, 77) }
```

Border

The CSS property to change the border of an element to XYZ 10.8893, 11.6683, 8.6995 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(101, 96, 77) }
```


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

```
.border{ border-color:rgb(101, 96, 77) }
```

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

Here you see how a box with a 4 pixel rgb(101, 96, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 96, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 96, 77);  
box-shadow:4px 4px 4px 4px rgb(101, 96,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8893, 11.6683, 8.6995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 96, 77) }
```

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

```
.background{ background-color: rgb(101, 96,  
77) }
```

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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