

Converting Colors

XYZ(12.5781, 11.1939, 10.0254)

Have a look what the booklet for
XYZ(12.5781, 11.1939, 10.0254)
contains.

XYZ(12.5752, 11.2334, 10.0998)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(12.5752, 11.2334,
10.0998)**

Conversions

Conversions Part 1

Format	Color
Hex	775655
RGB	119, 86, 85
RGB Percent	47%, 34%, 33%
CMY	0.5333, 0.6627, 0.6667
CMYK	0.00, 0.28, 0.29, 0.53
HSL	2°, 17%, 40%
HSV	2°, 29%, 47%
XYZ	12.5752, 11.2334, 10.0998
YIQ	95.7530, 19.9890, 6.6850

Conversions

Conversions Part 2

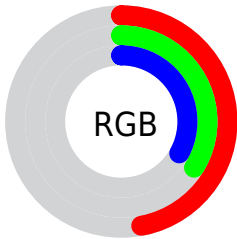
Format	Color
R_{YB}	119, 86, 85
Decimal	7820885
CIE Lab	39.97, 13.52, 5.97
CIE LCh	40, 14.782, 23.807
Yxy	11.2334, 0.3709, 0.3313
Android (android.graphics.Color)	4286010965 (0xFF775655)
YUV	95.7530, -5.3012, 20.3876
Hunter-Lab	33.5163, 8.3192, 5.5949

Details

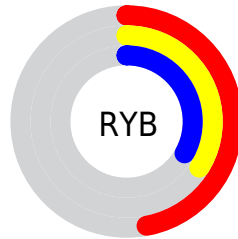
The XYZ color **12.5752, 11.2334, 10.0998** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.5542, 16.2194, 19.8690**, and the grayscale version is **11.0677, 11.6441, 12.6804**.

A 20% lighter version of the original color is **30.1906, 28.1282, 26.7597**, and **3.5960, 2.9360, 2.3847** is the 20% darker color. If you saturate the color by 10%, you get **11.2929, 9.3627, 7.5328**, and if you desaturate by 10%, it is **14.0867, 13.4350, 13.1357**.

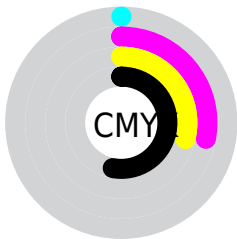
Distribution



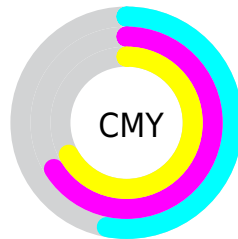
- Red (47%)
- Green (34%)
- Blue (33%)



- Red (47%)
- Yellow (34%)
- Blue (33%)



- Cyan (0%)
- Magenta (28%)
- Yellow (29%)
- Black (53%)



- Cyan (53%)
- Magenta (66%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.5752, 11.2334, 10.0998 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 12.5752, 11.2334, 10.0998 by changing the saturation by 10% instead.

■ 12.5752, 11.2334,
10.0998

■ 12.5752, 11.2334,
10.0998

201.8701,
199.2619, 201.8935

■ 7.2117, 6.2240,
5.3587

■ 30.1463, 28.0910,
26.5938

■ 3.6423, 2.9818,
2.3968

■ 43.0846, 40.7080,
39.1838

■ 1.5018, 1.1222,
0.7847

■ 59.2785, 56.6296,
55.2271

■ 0.3271, 0.0000,
0.0000

■ 79.0935, 76.2404,
75.1424

■ 0.0000, 0.0000,
0.0000

■ 102.8947, 99.9246,
99.3481

131.0477,

128.0666, 128.2629

163.9177,
161.0509, 162.3052

■ 12.5752, 11.2334,
10.0998

■ 12.5752, 11.2334,
10.0998

■ 11.2929, 9.3627,
7.5328

■ 14.0867, 13.4350,
13.1357

■ 10.2277, 7.8055,
5.4108

■ 15.8368, 15.9807,
16.6617

■ 9.3679, 6.5451,
3.7087

■ 17.8355, 18.8850,
20.6982

■ 8.7003, 5.5626,
2.3986

■ 20.0922, 22.1610,
25.2644

■ 8.2101, 4.8371,
1.4492

■ 22.6153, 25.8213,
30.3787

■ 7.8803, 4.3445,
0.8246

■ 25.4134, 29.8777,
36.0582

■ 7.6731, 4.0377,
0.4238

■ 28.4943, 34.3416,
42.3195

■ 7.6458, 3.9981,
0.3687

■ 31.8656, 39.2239,
49.1787

■ 35.5348, 44.5351,
56.6508

Harmonies

Analogous

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



12.7495, 11.2334, 12.8477



12.5752, 11.2334, 10.0998



11.8784, 11.2334, 8.2327

Triad

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



12.5752, 11.2334, 10.0998



9.1701, 11.2334, 9.2033



10.4667, 11.2334, 18.7135

Complementary

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



12.5752, 11.2334, 10.0998



13.5542, 16.2194, 19.8690

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.



9.5595, 11.2334, 17.3513



12.5752, 11.2334, 10.0998



8.8423, 11.2334, 11.6348

Square

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



12.5752, 11.2334, 10.0998



9.9042, 11.2334, 7.7757



8.9801, 11.2334, 14.6433



11.4890, 11.2334, 18.1283

Rectangle

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



12.5752, 11.2334, 10.0998



11.2338, 11.2334, 7.5885



8.9801, 11.2334, 14.6433



10.1390, 11.2334, 18.4621

Sweetspot

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



12.5755, 11.2339, 10.1000



28.1397, 28.2977, 29.3935



14.1521, 11.7374, 18.7945



6.5739, 6.5682, 6.7745



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



12.5755, 11.2339, 10.1000



21.0274, 17.9412, 15.0982



14.0547, 14.1924, 10.5931



3.6918, 3.7166, 3.8651



8.1220, 4.2452, 0.3913



39.4685, 20.4655, 1.8700

Inverse Universe

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



13.5542, 16.2194, 19.8690



23.0716, 28.3567, 35.5105



11.7720, 12.6550, 19.2749



3.7745, 4.1377, 4.6899



10.1096, 14.5588, 20.8199



49.1498, 70.7161, 101.4194

Previews

White Background



This preview shows how the XYZ color 12.5752, 11.2334, 10.0998 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 12.5752, 11.2334, 10.0998 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 12.5752, 11.2334, 10.0998

Background



This preview shows how black text looks on a background with the XYZ color 12.5752, 11.2334, 10.0998.



This preview shows how white text looks on a background with the XYZ color 12.5752, 11.2334,

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

12.5752, 11.2334, 10.0998

Protanopia

10.7356, 11.2681, 11.0603

Deuteranopia

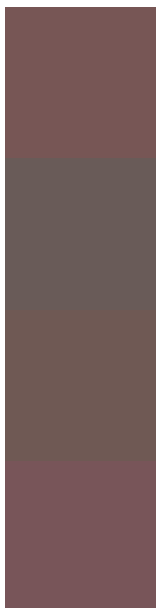
11.4047, 11.2481, 9.9575



Tritanopia

12.8826, 11.2454, 11.3891

Trichromacy



Original Color

12.5752, 11.2334, 10.0998

Protanomaly

11.3282, 11.1900, 10.7953

Deuteranomaly

11.7282, 11.1644, 9.9243

Tritanomaly

12.7974, 11.2113, 10.9407

Monochromacy



Original Color

12.5752, 11.2334, 10.0998

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.4678, 11.3701, 11.7154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.5752, 11.2334, 10.0998 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(119, 86, 85)` looks like.

```
.text, #text, p{  
    color:rgb(119, 86, 85)  
}
```

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(119, 86, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 86, 85) }
```

Border

The CSS property to change the border of an element to XYZ 12.5752, 11.2334, 10.0998 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(119, 86, 85) }
```


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

```
.border{ border-color:rgb(119, 86, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 86, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 86, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 86, 85);  
box-shadow:4px 4px 4px 4px rgb(119, 86,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 12.5752, 11.2334, 10.0998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 86, 85) }
```

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

```
.background{ background-color: rgb(119, 86,  
85) }
```

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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