

Converting Colors

XYZ(10.5694, 12.6776, 11.0650)

Have a look what the booklet for
XYZ(10.5694, 12.6776, 11.0650)
contains.

XYZ(10.6508, 12.7862, 11.1391)	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(10.6508, 12.7862,
11.1391)**

Conversions

Conversions Part 1

Format	Color
Hex	566958
RGB	86, 105, 88
RGB Percent	34%, 41%, 35%
CMY	0.6627, 0.5882, 0.6549
CMYK	0.18, 0.00, 0.16, 0.59
HSL	126°, 10%, 37%
HSV	126°, 18%, 41%
XYZ	10.6508, 12.7862, 11.1391
YIQ	97.3810, -5.8670, -9.3150

Conversions

Conversions Part 2

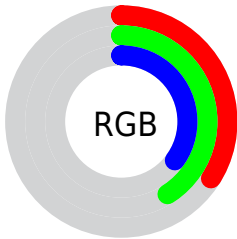
Format	Color
R_{YB}	86, 103, 105
Decimal	5663064
CIE _{Lab}	42.44, -10.84, 7.22
CIE _{LCh}	42, 13.021, 146.335
Yxy	12.7862, 0.3080, 0.3698
Android (android.graphics.Color)	4283853144 (0xFF566958)
YUV	97.3810, -4.6248, -9.9811
Hunter-Lab	35.7578, -9.4082, 6.5607

Details

The XYZ color **10.6508, 12.7862, 11.1391** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.6022, 10.6385, 14.2746**, and the grayscale version is **11.4685, 12.0657, 13.1396**.

A 20% lighter version of the original color is **26.6293, 30.8462, 28.5951**, and **2.8242, 3.6516, 2.8415** is the 20% darker color. If you saturate the color by 10%, you get **9.3898, 12.1786, 9.1779**, and if you desaturate by 10%, it is **12.1048, 13.4882, 13.3718**.

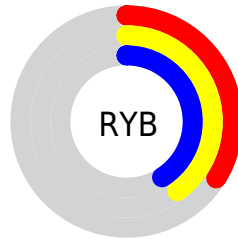
Distribution



Red (34%)

Green (41%)

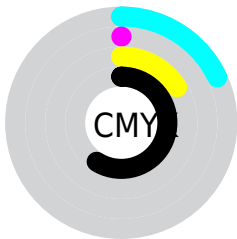
Blue (35%)



Red (34%)

Yellow (40%)

Blue (41%)

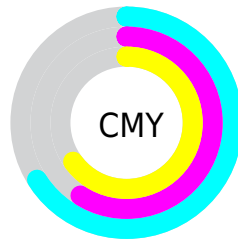


Cyan (18%)

Magenta (0%)

Yellow (16%)

Black (59%)



Cyan (66%)

Magenta (59%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6508, 12.7862, 11.1391 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 10.6508, 12.7862, 11.1391 by changing the saturation by 10% instead.

■ 10.6508, 12.7862,
11.1391

■ 10.6508, 12.7862,
11.1391

189.2141,
209.5429, 209.3910

■ 5.8981, 7.2815,
6.0451

■ 26.6513, 30.9191,
28.5577

■ 2.8233, 3.6388,
2.8033

■ 38.6298, 44.3162,
41.7194

■ 1.0610, 1.4736,
0.9951

■ 53.7477, 61.1128,
58.4073

■ 0.0000, 0.2700,
0.0000

■ 72.3702, 81.6933,
79.0402

■ 0.0000, 0.0000,
0.0000

■ 94.8627, 106.4422,
104.0364

121.5907,

135.7438, 133.8146

152.9193,
169.9826, 168.7933

■ 10.6508, 12.7862,
11.1391

■ 10.6508, 12.7862,
11.1391

■ 9.3898, 12.1786,
9.1779

■ 12.1048, 13.4882,
13.3718

■ 8.3126, 11.6598,
7.4770

■ 13.7583, 14.2867,
15.8848

■ 7.4109, 11.2261,
6.0257

■ 15.6188, 15.1857,
18.6878

■ 6.6754, 10.8731,
4.8122

■ 17.6931, 16.1886,
21.7895

■ 6.0958, 10.5956,
3.8240

■ 19.9879, 17.2985,
25.1984

■ 5.6609, 10.3881,
3.0470

■ 22.5092, 18.5185,
28.9228

■ 5.3576, 10.2443,
2.4660

■ 25.2631, 19.8514,
32.9703

■ 5.1485, 10.1452,
2.0622

■ 28.2554, 21.3002,
37.3485

■ 5.1125, 10.1280,
2.0036

■ 31.4916, 22.8675,
42.0649

Harmonies

Analogous

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



11.3358, 12.7862, 9.6232



10.6508, 12.7862, 11.1391



10.3674, 12.7862, 13.5798

Triad

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



10.6508, 12.7862, 11.1391



12.0328, 12.7862, 20.0332



13.9215, 12.7862, 11.6622

Complementary

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



10.6508, 12.7862, 11.1391



11.6022, 10.6385, 14.2746

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.



14.1324, 12.7862, 14.2699



10.6508, 12.7862, 11.1391



13.0083, 12.7862, 19.3414

Square

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



10.6508, 12.7862, 11.1391



11.1378, 12.7862, 18.9149



13.7900, 12.7862, 17.1336



13.2279, 12.7862, 9.8955

Rectangle

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



10.6508, 12.7862, 11.1391



10.4325, 12.7862, 15.4959



13.7900, 12.7862, 17.1336



14.0527, 12.7862, 12.4584

Sweetspot

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



10.6511, 12.7867, 11.1394



22.5104, 24.5549, 25.2181



12.3369, 13.6652, 10.7917



5.2389, 5.7355, 5.8554



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



10.6511, 12.7867, 11.1394



18.0048, 22.3808, 18.2931



11.0661, 12.9527, 13.3246



3.0758, 3.4495, 3.3828



6.4648, 12.8200, 2.4928



32.7758, 65.2574, 11.8320

Inverse Universe

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



11.6022, 10.6385, 14.2746



20.0706, 17.7135, 25.1030



11.1564, 10.4601, 11.9272



3.2045, 3.1587, 3.8073



9.9240, 4.8217, 13.7600



50.3773, 24.4929, 69.1149

Previews

White Background



This preview shows how the XYZ color 10.6508, 12.7862, 11.1391 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 10.6508, 12.7862, 11.1391 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

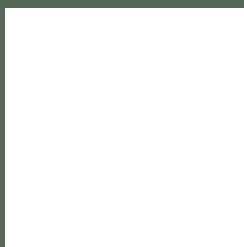
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.6508, 12.7862, 11.1391

Background



This preview shows how black text looks on a background with the XYZ color 10.6508, 12.7862, 11.1391.



This preview shows how white text looks on a background with the XYZ color 10.6508, 12.7862,

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

10.6508, 12.7862, 11.1391

Protanopia

12.0226, 12.7735, 10.4262

Deuteranopia

12.8384, 12.6146, 11.4311



Tritanopia

11.7823, 12.8022, 16.6019

Trichromacy



Original Color

10.6508, 12.7862, 11.1391

Protanomaly

11.4681, 12.7713, 10.6648

Deuteranomaly

11.8585, 12.5285, 11.2444

Tritanomaly

11.3683, 12.7837, 14.4387

Monochromacy



Original Color

10.6508, 12.7862, 11.1391

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.0918, 12.2497, 12.3695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6508, 12.7862, 11.1391 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(86, 105, 88) looks like.

```
.text, #text, p{  
    color:rgb(86, 105, 88)  
}
```

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(86, 105, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 105, 88) }
```

Border

The CSS property to change the border of an element to XYZ 10.6508, 12.7862, 11.1391 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(86, 105, 88) }
```


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

```
.border{ border-color:rgb(86, 105, 88) }
```

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

Here you see how a box with a 4 pixel rgb(86, 105, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 105, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 105, 88);  
box-shadow:4px 4px 4px 4px rgb(86, 105,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6508, 12.7862, 11.1391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 105, 88) }
```

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

```
.background{ background-color: rgb(86, 105,  
88) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor