

Converting Colors

XYZ(11.5497, 11.8116, 11.5532)

Have a look what the booklet for
XYZ(11.5497, 11.8116, 11.5532)
contains.

XYZ(11.5741, 11.8233, 11.5696)	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(11.5741, 11.8233,
11.5696)**

Conversions

Conversions Part 1

Format	Color
Hex	675F5B
RGB	103, 95, 91
RGB Percent	40%, 37%, 36%
CMY	0.5961, 0.6274, 0.6431
CMYK	0.00, 0.08, 0.12, 0.60
HSL	20°, 6%, 38%
HSV	20°, 12%, 40%
XYZ	11.5741, 11.8233, 11.5696
YIQ	96.9360, 6.0520, 0.4520

Conversions

Conversions Part 2

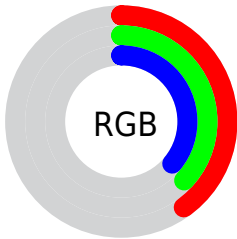
Format	Color
R_{YB}	103, 97, 91
Decimal	6774619
CIE _{Lab}	40.93, 2.42, 3.43
CIE _{LCh}	41, 4.203, 54.766
Yxy	11.8233, 0.3310, 0.3381
Android (android.graphics.Color)	4284964699 (0xFF675F5B)
YUV	96.9360, -2.9264, 5.3181
Hunter-Lab	34.3850, -0.0902, 4.1201




Details

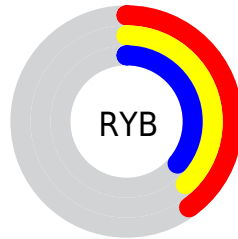
The XYZ color **11.5741, 11.8233, 11.5696** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.2245, 12.1270, 14.5814**, and the grayscale version is **11.3528, 11.9440, 13.0070**.




A 20% lighter version of the original color is **28.2595, 29.0439, 29.3159**, and **3.2029, 3.2268, 2.9367** is the 20% darker color. If you saturate the color by 10%, you get **10.5686, 10.4752, 9.1907**, and if you desaturate by 10%, it is **12.6958, 13.3059, 14.2885**.

Distribution







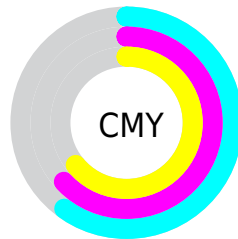
-  Red (40%)
-  Green (37%)
-  Blue (36%)






-  Red (40%)
-  Yellow (38%)
-  Blue (36%)



-  Cyan (0%)
-  Magenta (8%)
-  Yellow (12%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (63%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5741, 11.8233, 11.5696 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 11.5741, 11.8233, 11.5696 by changing the saturation by 10% instead.

■ 11.5741, 11.8233,
11.5696

■ 11.5741, 11.8233,
11.5696

195.3930,
203.2320, 212.4105

■ 6.5245, 6.6235,
6.3324

■ 28.3406, 29.1729,
29.3613

■ 3.2102, 3.2278,
2.9762

■ 40.7883, 42.0914,
42.7529

■ 1.2659, 1.2518,
1.0825

■ 56.4327, 58.3516,
59.6997

■ 0.1575, 0.1034,
0.0000

■ 75.6392, 78.3379,
80.6202

■ 0.0000, 0.0000,
0.0000

98.7731, 102.4347,
105.9330

126.1998,

131.0264, 136.0566

158.2846,
164.4974, 171.4096

■ 11.5741, 11.8233,
11.5696

■ 11.5741, 11.8233,
11.5696

■ 10.5686, 10.4752,
9.1907

■ 12.6958, 13.3059,
14.2885

■ 9.6745, 9.2562,
7.1376

■ 13.9363, 14.9250,
17.3593

■ 8.8879, 8.1629,
5.3960

■ 15.2996, 16.6847,
20.7943

■ 8.2045, 7.1911,
3.9507

■ 16.7889, 18.5883,
24.6050

■ 7.6197, 6.3364,
2.7846

■ 18.4075, 20.6391,
28.8025

■ 7.1283, 5.5940,
1.8795

■ 20.1586, 22.8401,
33.3971

■ 6.7247, 4.9589,
1.2144

■ 22.0451, 25.1945,
38.3991

■ 6.4022, 4.4254,
0.7637

■ 24.0698, 27.7052,
43.8182

■ 6.1757, 4.0477,
0.4558

■ 26.2357, 30.3750,
49.6638

Harmonies

Analogous

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



11.7702, 11.8233, 12.1932



11.5741, 11.8233, 11.5696



11.2904, 11.8233, 11.2961

Triad

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



11.5741, 11.8233, 11.5696



10.6725, 11.8233, 12.7233



11.4813, 11.8233, 14.4342

Complementary

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



11.5741, 11.8233, 11.5696



11.2245, 12.1270, 14.5814

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.



11.1851, 11.8233, 14.5915



11.5741, 11.8233, 11.5696



10.7215, 11.8233, 13.5788

Square

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



11.5741, 11.8233, 11.5696



10.7727, 11.8233, 11.9429



10.9079, 11.8233, 14.2720



11.7159, 11.8233, 13.8513

Rectangle

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



11.5741, 11.8233, 11.5696



11.0912, 11.8233, 11.3399



10.9079, 11.8233, 14.2720



11.3855, 11.8233, 14.5397

Sweetspot

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



11.5744, 11.8238, 11.5699



22.4311, 23.4288, 24.8466



11.5870, 11.2668, 13.3686



5.4378, 5.6702, 5.9770



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.



11.5744, 11.8238, 11.5699



20.2074, 20.4813, 19.4812



12.1358, 12.9465, 11.7570



2.8971, 2.9817, 2.9973



7.7390, 5.0312, 0.5632



39.6301, 24.7741, 2.6931

Inverse Universe

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



11.2245, 12.1270, 14.5814



19.4459, 21.1407, 26.0327



10.6771, 11.0323, 14.3990



2.8306, 3.0393, 3.5694



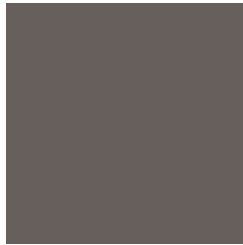
5.6981, 6.4680, 17.0925



28.8913, 32.0793, 88.8706

Previews

White Background



This preview shows how the XYZ color 11.5741, 11.8233, 11.5696 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 11.5741, 11.8233, 11.5696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

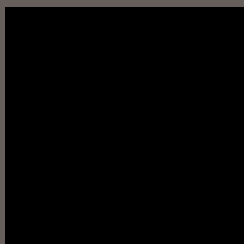
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.5741, 11.8233, 11.5696

Background



This preview shows how black text looks on a background with the XYZ color 11.5741, 11.8233, 11.5696.



This preview shows how white text looks on a background with the XYZ color 11.5741, 11.8233,

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

11.5741, 11.8233, 11.5696

Protanopia

11.2602, 11.7911, 11.8076

Deuteranopia

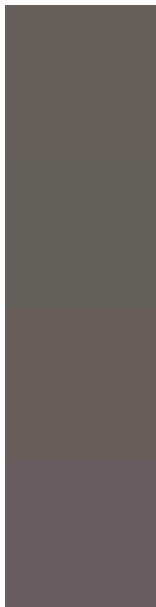
11.9870, 11.7722, 11.5380



Tritanopia

12.0606, 11.8880, 13.9709

Trichromacy



Original Color

11.5741, 11.8233, 11.5696

Protanomaly

11.3702, 11.8478, 11.8128

Deuteranomaly

11.8349, 11.8249, 11.5562

Tritanomaly

11.8693, 11.8115, 12.9635

Monochromacy



Original Color

11.5741, 11.8233, 11.5696

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.3940, 11.8446, 12.5122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5741, 11.8233, 11.5696 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(103, 95, 91)` looks like.

```
.text, #text, p{  
    color:rgb(103, 95, 91)  
}
```

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(103, 95, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 95, 91) }
```

Border

The CSS property to change the border of an element to XYZ 11.5741, 11.8233, 11.5696 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(103, 95, 91) }
```


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

```
.border{ border-color:rgb(103, 95, 91) }
```

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

Here you see how a box with a 4 pixel rgb(103, 95, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 95, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 95, 91);  
box-shadow:4px 4px 4px 4px rgb(103, 95,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5741, 11.8233, 11.5696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 95, 91) }
```

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

```
.background{ background-color: rgb(103, 95,  
91) }
```

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