

Converting Colors

XYZ(11.5818, 11.5563, 12.5058)

Have a look what the booklet for
XYZ(11.5818, 11.5563, 12.5058)
contains.

XYZ(11.5734, 11.5385, 12.4436)	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(11.5734, 11.5385,
12.4436)**

Conversions

Conversions Part 1

Format	Color
Hex	675D5F
RGB	103, 93, 95
RGB Percent	40%, 36%, 37%
CMY	0.5961, 0.6353, 0.6274
CMYK	0.00, 0.10, 0.08, 0.60
HSL	348°, 5%, 38%
HSV	348°, 10%, 40%
XYZ	11.5734, 11.5385, 12.4436
YIQ	96.2180, 5.3180, 2.7420

Conversions

Conversions Part 2

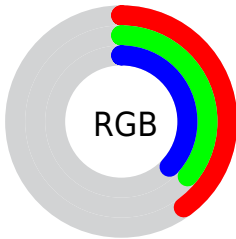
Format	Color
R_{YB}	103, 93, 95
Decimal	6774111
CIE Lab	40.47, 4.41, 0.31
CIE LCh	40, 4.417, 4.033
Yxy	11.5385, 0.3255, 0.3245
Android (android.graphics.Color)	4284964191 (0xFF675D5F)
YUV	96.2180, -0.6005, 5.9478
Hunter-Lab	33.9684, 1.3723, 2.0582

Details

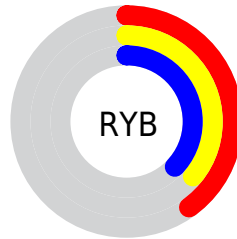
The XYZ color **11.5734, 11.5385, 12.4436** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.7138, 12.9675, 14.1982**, and the grayscale version is **11.1719, 11.7537, 12.7998**.

A 20% lighter version of the original color is **28.2597, 28.5593, 30.8111**, and **3.2018, 3.0955, 3.3345** is the 20% darker color. If you saturate the color by 10%, you get **10.3746, 9.7089, 10.2924**, and if you desaturate by 10%, it is **12.9343, 13.6286, 14.8447**.

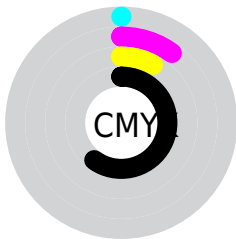
Distribution



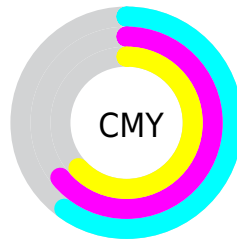
- Red (40%)
- Green (36%)
- Blue (37%)



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



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5734, 11.5385, 12.4436 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 11.5734, 11.5385, 12.4436 by changing the saturation by 10% instead.

■ 11.5734, 11.5385,
12.4436

■ 11.5734, 11.5385,
12.4436

195.3884,
201.3256, 218.4014

■ 6.5240, 6.4303,
6.9204

■ 28.3394, 28.6517,
30.9769

■ 3.2099, 3.1084,
3.3346

■ 40.7867, 41.4255,
44.8240

■ 1.2657, 1.1886,
1.2679

■ 56.4307, 57.5233,
62.2828

■ 0.1573, 0.0524,
0.0353

■ 75.6367, 77.3294,
83.7719

■ 0.0000, 0.0000,
0.0000

98.7701, 101.2284,
109.7098

126.1963,

129.6044, 140.5149

158.2806,
162.8420, 176.6060

■ 11.5734, 11.5385,
12.4436

■ 11.5734, 11.5385,
12.4436

■ 10.3746, 9.7089,
10.2924

■ 12.9343, 13.6286,
14.8447

■ 9.3308, 8.1281,
8.3823

■ 14.4621, 15.9872,
17.5027

■ 8.4360, 6.7857,
6.7051

■ 16.1626, 18.6240,
20.4252

■ 7.6832, 5.6702,
5.2517

■ 18.0409, 21.5476,
23.6192

■ 7.0649, 4.7688,
4.0125

■ 20.1020, 24.7663,
27.0917

■ 6.5731, 4.0679,
2.9772

■ 22.3508, 28.2882,
30.8490

■ 6.1987, 3.5519,
2.1346

■ 24.7917, 32.1208,
34.8977

■ 5.9313, 3.2029,
1.4723

■ 27.4294, 36.2716,
39.2437

■ 5.7306, 2.9436,
0.9671

■ 30.2680, 40.7476,
43.8931

Harmonies

Analogous

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



11.5126, 11.5385, 13.3271



11.5734, 11.5385, 12.4436



11.4692, 11.5385, 11.6306

Triad

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



11.5734, 11.5385, 12.4436



10.6362, 11.5385, 11.1991



10.7077, 11.5385, 14.1643

Complementary

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



11.5734, 11.5385, 12.4436



11.7138, 12.9675, 14.1982

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.



10.4796, 11.5385, 13.5449



11.5734, 11.5385, 12.4436



10.4389, 11.5385, 11.8296

Square

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



11.5734, 11.5385, 12.4436



10.9251, 11.5385, 10.9339



10.3822, 11.5385, 12.6841



11.0090, 11.5385, 14.3474

Rectangle

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



11.5734, 11.5385, 12.4436



11.3214, 11.5385, 11.2298



10.3822, 11.5385, 12.6841



10.6201, 11.5385, 13.9988

Sweetspot

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



11.5737, 11.5390, 12.4438



22.3034, 23.0850, 25.0763



11.7297, 11.5752, 14.4480



5.4000, 5.5684, 6.0449



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.



11.5737, 11.5390, 12.4438



20.1281, 19.7502, 21.2198



11.7525, 12.0401, 12.0611



2.8498, 2.8546, 3.0816



7.1913, 3.6895, 1.1400



37.2458, 19.1383, 4.5715

Inverse Universe

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



11.5737, 11.5390, 12.4438



20.1281, 19.7502, 21.2198



11.5199, 12.4211, 14.6224



2.8498, 2.8546, 3.0816



7.1913, 3.6895, 1.1400



37.2458, 19.1383, 4.5715

Previews

White Background



This preview shows how the XYZ color 11.5734, 11.5385, 12.4436 looks on a white background.

Color Contrast Check

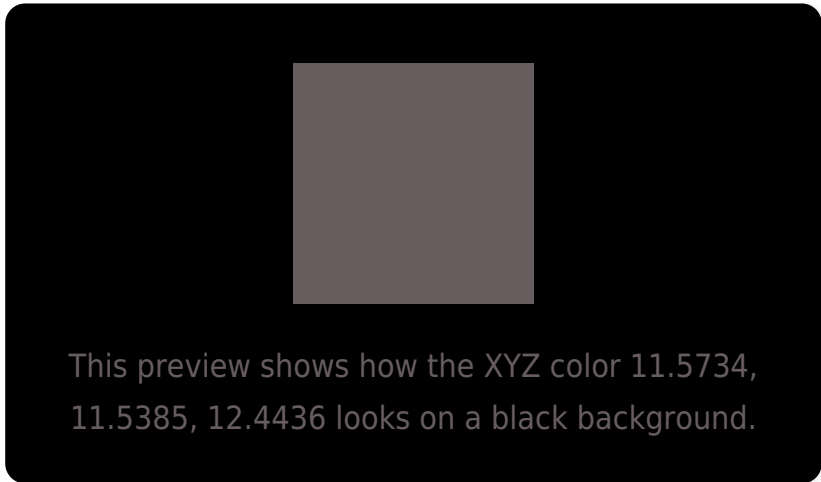
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 11.5734, 11.5385, 12.4436

Background



This preview shows how black text looks on a background with the XYZ color 11.5734, 11.5385, 12.4436.

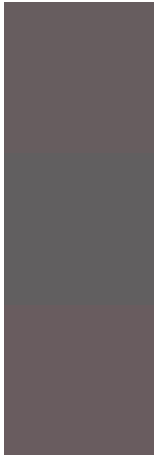


This preview shows how white text looks on a background with the XYZ color 11.5734, 11.5385,

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

11.5734, 11.5385, 12.4436

Protanopia

11.1333, 11.5703, 12.7128

Deuteranopia

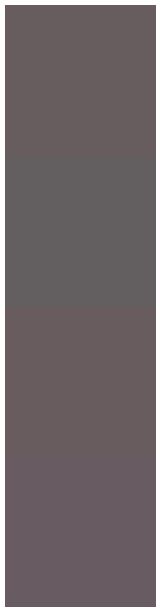
11.7184, 11.4838, 12.4254



Tritanopia

11.8363, 11.5174, 13.6558

Trichromacy



Original Color

11.5734, 11.5385, 12.4436

Protanomaly

11.2596, 11.5026, 12.6931

Deuteranomaly

11.6016, 11.4236, 12.4200

Tritanomaly

11.7407, 11.4792, 13.1522

Monochromacy



Original Color

11.5734, 11.5385, 12.4436

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.3491, 11.6816, 12.7229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5734, 11.5385, 12.4436 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, 93, 95)` looks like.

```
.text, #text, p{  
    color:rgb(103, 93, 95)  
}
```

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, 93, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 93, 95) }
```

Border

The CSS property to change the border of an element to XYZ 11.5734, 11.5385, 12.4436 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, 93, 95) }
```


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

```
.border{ border-color:rgb(103, 93, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 93, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 93, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 93, 95);  
box-shadow:4px 4px 4px 4px rgb(103, 93,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5734, 11.5385, 12.4436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 93, 95) }
```

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

```
.background{ background-color: rgb(103, 93,  
95) }
```

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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