

Converting Colors

XYZ(11.6019, 11.2877, 12.5288)

Have a look what the booklet for
XYZ(11.6019, 11.2877, 12.5288)
contains.

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Color

**XYZ(11.6781, 11.3300,
12.6377)**

Conversions

Conversions Part 1

Format	Color
Hex	695B60
RGB	105, 91, 96
RGB Percent	41%, 36%, 38%
CMY	0.5882, 0.6431, 0.6235
CMYK	0.00, 0.13, 0.09, 0.59
HSL	339°, 7%, 38%
HSV	339°, 13%, 41%
XYZ	11.6781, 11.3300, 12.6377
YIQ	95.7560, 6.7390, 4.5230

Conversions

Conversions Part 2

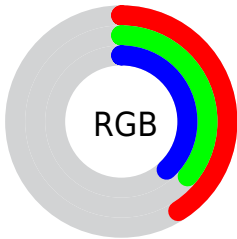
Format	Color
R_{YB}	105, 91, 96
Decimal	6904672
CIE Lab	40.13, 6.63, -0.78
CIE LCh	40, 6.672, 353.274
Yxy	11.3300, 0.3276, 0.3178
Android (android.graphics.Color)	4285094752 (0xFF695B60)
YUV	95.7560, 0.1203, 8.1070
Hunter-Lab	33.6601, 3.0241, 1.3016

Details

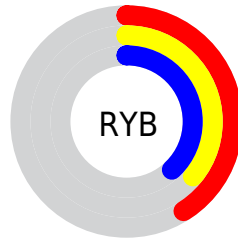
The XYZ color **11.6781, 11.3300, 12.6377** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.6667, 13.2477, 13.9995**, and the grayscale version is **11.0580, 11.6339, 12.6693**.

A 20% lighter version of the original color is **28.4235, 28.1930, 31.1378**, and **3.2590, 3.0066, 3.4262** is the 20% darker color. If you saturate the color by 10%, you get **10.5450, 9.5400, 10.7918**, and if you desaturate by 10%, it is **12.9641, 13.3829, 14.6666**.

Distribution



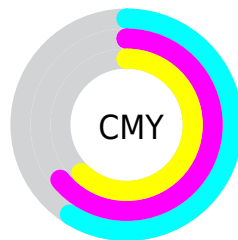
- Red (41%)
- Green (36%)
- Blue (38%)



- Red (41%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (13%)
- Yellow (9%)
- Black (59%)



- Cyan (59%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6781, 11.3300, 12.6377 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 11.6781, 11.3300, 12.6377 by changing the saturation by 10% instead.

■ 11.6781, 11.3300,
12.6377

■ 11.6781, 11.3300,
12.6377

196.0762,
199.9178, 219.7082

■ 6.5955, 6.2893,
7.0518

■ 28.5294, 28.2688,
31.3329

■ 3.2545, 3.0218,
3.4156

■ 41.0289, 40.9356,
45.2793

■ 1.2897, 1.1431,
1.3105

■ 56.7314, 56.9133,
62.8496

■ 0.1755, 0.0145,
0.0704

■ 76.0022, 76.5862,
84.4623

■ 0.0000, 0.0000,
0.0000

■ 99.2067, 100.3387,
110.5359

126.7103,

128.5552, 141.4891

158.8784,
161.6201, 177.7403

■ 11.6781, 11.3300,
12.6377

■ 11.6781, 11.3300,
12.6377

■ 10.5450, 9.5400,
10.7918

■ 12.9641, 13.3829,
14.6666

■ 9.5581, 8.0008,
9.1229

■ 14.4077, 15.7073,
16.8828

■ 8.7114, 6.7014,
7.6258

■ 16.0144, 18.3131,
19.2913

■ 7.9982, 5.6298,
6.2947

■ 17.7892, 21.2094,
21.8968

■ 7.4113, 4.7724,
5.1233

■ 19.7368, 24.4048,
24.7038

■ 6.9425, 4.1145,
4.1050

■ 21.8620, 27.9076,
27.7166

■ 6.5830, 3.6395,
3.2328

■ 24.1690, 31.7257,
30.9393

■ 6.3195, 3.3224,
2.4979

■ 26.6622, 35.8668,
34.3761

■ 6.1674, 3.1399,
2.0718

■ 29.3456, 40.3383,
38.0308

Harmonies

Analogous

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



11.4988, 11.3300, 13.9260



11.6781, 11.3300, 12.6377



11.6082, 11.3300, 11.3554

Triad

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



11.6781, 11.3300, 12.6377



10.4206, 11.3300, 10.1378



10.2448, 11.3300, 14.4967

Complementary

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



11.6781, 11.3300, 12.6377



11.6667, 13.2477, 13.9995

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.



9.9709, 11.3300, 13.3724



11.6781, 11.3300, 12.6377



10.0704, 11.3300, 10.8727

Square

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



11.6781, 11.3300, 12.6377



10.8735, 11.3300, 9.9719



9.9080, 11.3300, 12.0400



10.6648, 11.3300, 15.0480

Rectangle

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



11.6781, 11.3300, 12.6377



11.4306, 11.3300, 10.6687



9.9080, 11.3300, 12.0400



10.1331, 11.3300, 14.1695

Sweetspot

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



11.6784, 11.3305, 12.6379



23.0231, 23.6580, 25.9653



11.5321, 11.2044, 14.9195



5.3596, 5.4882, 6.0300



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.



11.6784, 11.3305, 12.6379



20.2475, 19.2356, 21.5604



11.6171, 11.5644, 11.5181



3.1403, 3.1330, 3.4689



7.7923, 3.9690, 2.5347



39.3232, 20.0712, 10.9047

Inverse Universe

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



11.6784, 11.3305, 12.6379



20.2475, 19.2356, 21.5604



11.7281, 12.9714, 15.2503



3.1403, 3.1330, 3.4689



7.7923, 3.9690, 2.5347



39.3232, 20.0712, 10.9047

Previews

White Background



This preview shows how the XYZ color 11.6781, 11.3300, 12.6377 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 11.6781, 11.3300, 12.6377 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 11.6781, 11.3300, 12.6377

Background



This preview shows how black text looks on a background with the XYZ color 11.6781, 11.3300, 12.6377.

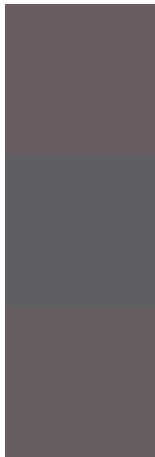


This preview shows how white text looks on a background with the XYZ color 11.6781, 11.3300,

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

11.6781, 11.3300, 12.6377

Protanopia

10.9266, 11.3201, 13.1644

Deuteranopia

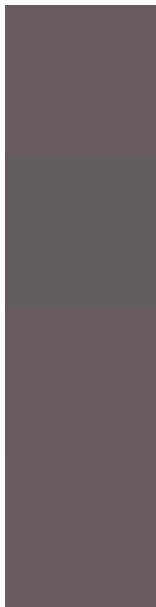
11.5320, 11.3824, 12.6555



Tritanopia

11.7714, 11.3673, 13.1290

Trichromacy



Original Color

11.6781, 11.3300, 12.6377

Protanomaly

11.2176, 11.3444, 12.9077

Deuteranomaly

11.6474, 11.4419, 12.6610

Tritanomaly

11.7245, 11.3485, 12.8818

Monochromacy



Original Color

11.6781, 11.3300, 12.6377

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.2596, 11.5026, 12.6931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6781, 11.3300, 12.6377 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(105, 91, 96)` looks like.

```
.text, #text, p{  
    color:rgb(105, 91, 96)  
}
```

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(105, 91, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 91, 96) }
```

Border

The CSS property to change the border of an element to XYZ 11.6781, 11.3300, 12.6377 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(105, 91, 96) }
```


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

```
.border{ border-color:rgb(105, 91, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 91, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 91, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 91, 96);  
box-shadow:4px 4px 4px 4px rgb(105, 91,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6781, 11.3300, 12.6377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 91, 96) }
```

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

```
.background{ background-color: rgb(105, 91,  
96) }
```

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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