

Converting Colors

XYZ(11.6111, 12.3334, 6.7696)

Have a look what the booklet for
XYZ(11.6111, 12.3334, 6.7696)
contains.

XYZ(11.6285, 12.3682, 6.7754)	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(11.6285, 12.3682,
6.7754)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6241
RGB	109, 98, 65
RGB Percent	43%, 38%, 25%
CMY	0.5725, 0.6157, 0.7451
CMYK	0.00, 0.10, 0.40, 0.57
HSL	45°, 25%, 34%
HSV	45°, 40%, 43%
XYZ	11.6285, 12.3682, 6.7754
YIQ	97.5270, 17.1490, -7.9310

Conversions

Conversions Part 2

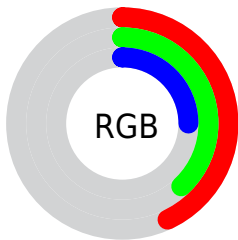
Format	Color
R_{YB}	80, 109, 65
Decimal	7168577
CIE Lab	41.80, -0.90, 20.39
CIE LCh	42, 20.413, 92.530
Yxy	12.3682, 0.3779, 0.4019
Android (android.graphics.Color)	4285358657 (0xFF6D6241)
YUV	97.5270, -16.0358, 10.0618
Hunter-Lab	35.1685, -2.5235, 13.1954

Details

The XYZ color **11.6285, 12.3682, 6.7754** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.5247, 7.3966, 15.4992**, and the grayscale version is **11.5278, 12.1282, 13.2076**.

A 20% lighter version of the original color is **28.4260, 30.2642, 19.9661**, and **3.2268, 3.4708, 1.2093** is the 20% darker color. If you saturate the color by 10%, you get **11.0923, 11.7532, 5.1864**, and if you desaturate by 10%, it is **12.2350, 13.0261, 8.6889**.

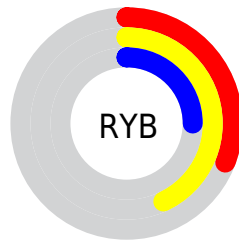
Distribution



Red (43%)

Green (38%)

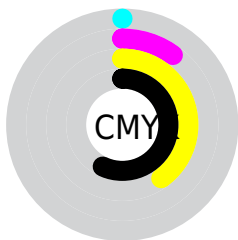
Blue (25%)



Red (31%)

Yellow (43%)

Blue (25%)

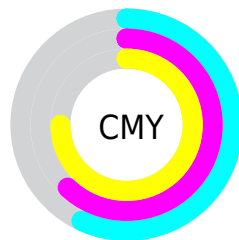


Cyan (0%)

Magenta (10%)

Yellow (40%)

Black (57%)



Cyan (57%)

Magenta (62%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6285, 12.3682, 6.7754 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 11.6285, 12.3682, 6.7754 by changing the saturation by 10% instead.

■ 11.6285, 12.3682,
6.7754

■ 11.6285, 12.3682,
6.7754

195.7507,
206.8279, 175.3437

■ 6.5616, 6.9950,
3.2457

■ 28.4394, 30.1640,
20.0250

■ 3.2334, 3.4589,
1.2214

■ 40.9142, 43.3553,
30.5821

■ 1.2783, 1.3758,
0.0000

■ 56.5890, 59.9214,
44.3187

■ 0.1669, 0.1988,
0.0000

■ 75.8292, 80.2467,
61.6534

■ 0.0000, 0.0000,
0.0000

■ 99.0001, 104.7156,
83.0047

■ 126.4670,

133.7125, 108.7911

158.5955,
167.6218, 139.4313

■ 11.6285, 12.3682,
6.7754

■ 11.6285, 12.3682,
6.7754

■ 11.0923, 11.7532,
5.1864

■ 12.2350, 13.0261,
8.6889

■ 10.6218, 11.1777,
3.9025

■ 12.9142, 13.7267,
10.9431

■ 10.2133, 10.6407,
2.9036

■ 13.6694, 14.4718,
13.5542

■ 9.8625, 10.1403,
2.1666

■ 14.5036, 15.2628,
16.5372

■ 9.5642, 9.6741,
1.6649

■ 15.4195, 16.1009,
19.9060

■ 9.3056, 9.2491,
1.2948

■ 16.4197, 16.9873,
23.6739

■ 17.5068, 17.9231,
27.8537

■ 18.6829, 18.9093,
32.4573

■ 19.9505, 19.9470,
37.4965

Harmonies

Analogous

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



13.1396, 12.3682, 7.3776



11.6285, 12.3682, 6.7754



10.2691, 12.3682, 7.6249

Triad

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



11.6285, 12.3682, 6.7754



9.4836, 12.3682, 18.4256



14.5105, 12.3682, 17.6567

Complementary

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



11.6285, 12.3682, 6.7754



7.5247, 7.3966, 15.4992

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.



13.3791, 12.3682, 21.7192



11.6285, 12.3682, 6.7754



10.4723, 12.3682, 22.2255

Square

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



11.6285, 12.3682, 6.7754



9.0985, 12.3682, 13.8355



11.8836, 12.3682, 23.5426



14.8854, 12.3682, 13.1048

Rectangle

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



11.6285, 12.3682, 6.7754



9.6080, 12.3682, 9.0335



11.8836, 12.3682, 23.5426



14.2016, 12.3682, 19.1552

Sweetspot

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



11.6288, 12.3688, 6.7757



24.2002, 25.6451, 23.2997



9.5016, 7.5537, 7.7948



5.6033, 5.9402, 5.3234



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.6288, 12.3688, 6.7757



19.9562, 21.1565, 9.5557



11.4599, 13.9157, 7.0831



3.2723, 3.4618, 3.3132



10.8647, 10.7791, 1.5079



54.6466, 53.4969, 7.4457

Inverse Universe

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



7.5247, 7.3966, 15.4992



11.5609, 10.9919, 27.4196



7.6312, 6.4213, 15.3053



3.0042, 3.1368, 3.8820



3.6758, 2.1859, 17.1504



18.1297, 9.9379, 87.1889

Previews

White Background



This preview shows how the XYZ color 11.6285, 12.3682, 6.7754 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 11.6285, 12.3682, 6.7754 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

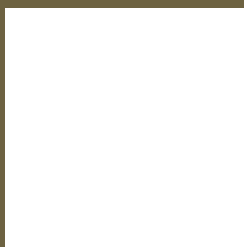
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.6285, 12.3682, 6.7754

Background



This preview shows how black text looks on a background with the XYZ color 11.6285, 12.3682, 6.7754.



This preview shows how white text looks on a background with the XYZ color 11.6285, 12.3682,

6.7754.

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

11.6285, 12.3682, 6.7754

Protanopia

11.4794, 12.4311, 6.7954

Deuteranopia

12.4573, 12.2503, 6.8622



Tritanopia

13.1617, 12.4557, 14.0224

Trichromacy



Original Color

11.6285, 12.3682, 6.7754

Protanomaly

11.6003, 12.4935, 6.8011

Deuteranomaly

12.1458, 12.2226, 6.8733

Tritanomaly

12.5358, 12.3337, 10.9525

Monochromacy



Original Color

11.6285, 12.3682, 6.7754

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.5269, 12.2320, 10.5576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6285, 12.3682, 6.7754 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(109, 98, 65)` looks like.

```
.text, #text, p{  
    color:rgb(109, 98, 65)  
}
```

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(109, 98, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 98, 65) }
```

Border

The CSS property to change the border of an element to XYZ 11.6285, 12.3682, 6.7754 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(109, 98, 65) }
```


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

```
.border{ border-color:rgb(109, 98, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 98, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 98, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 98, 65);  
box-shadow:4px 4px 4px 4px rgb(109, 98,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6285, 12.3682, 6.7754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 98, 65) }
```

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

```
.background{ background-color: rgb(109, 98,  
65) }
```

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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