

Converting Colors

XYZ(10.4607, 11.5635, 3.4309)

Have a look what the booklet for
XYZ(10.4607, 11.5635, 3.4309)
contains.

XYZ(10.4607, 11.5635, 3.4309)	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(10.4607, 11.5635,
3.4309)**

Conversions

Conversions Part 1

Format	Color
Hex	6A6025
RGB	106, 96, 37
RGB Percent	42%, 38%, 15%
CMY	0.5843, 0.6235, 0.8549
CMYK	0.00, 0.09, 0.65, 0.58
HSL	51°, 48%, 28%
HSV	51°, 65%, 42%
XYZ	10.4607, 11.5635, 3.4309
YIQ	92.2640, 24.8990, -16.2290

Conversions

Conversions Part 2

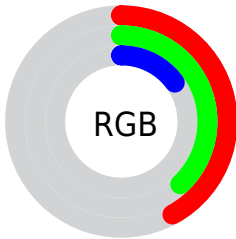
Format	Color
R_{YB}	49, 106, 37
Decimal	6971429
CIE Lab	40.51, -3.98, 34.27
CIE LCh	41, 34.498, 96.626
Yxy	11.5635, 0.4109, 0.4543
Android (android.graphics.Color)	4285161509 (0xFF6A6025)
YUV	92.2640, -27.2452, 12.0465
Hunter-Lab	34.0051, -4.5986, 17.8216

Details

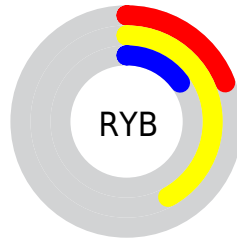
The XYZ color **10.4607, 11.5635, 3.4309** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4.3810, 3.4669, 14.0740**, and the grayscale version is **10.2908, 10.8268, 11.7903**.

A 20% lighter version of the original color is **26.2167, 28.5846, 12.7299**, and **2.8279, 3.1511, 0.4592** is the 20% darker color. If you saturate the color by 10%, you get **10.1792, 11.2293, 2.6320**, and if you desaturate by 10%, it is **10.7938, 11.9236, 4.4860**.

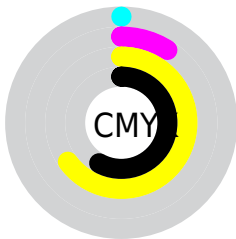
Distribution



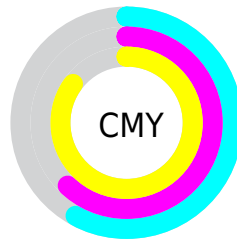
- Red (42%)
- Green (38%)
- Blue (15%)



- Red (19%)
- Yellow (42%)
- Blue (15%)



- Cyan (0%)
- Magenta (9%)
- Yellow (65%)
- Black (58%)



- Cyan (58%)
- Magenta (62%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.4607, 11.5635, 3.4309 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 10.4607, 11.5635, 3.4309 by changing the saturation by 10% instead.

■ 10.4607, 11.5635,
3.4309

■ 10.4607, 11.5635,
3.4309

187.9150,
201.4937, 141.6726

■ 5.7701, 6.4472,
1.3186

■ 26.3004, 28.6976,
12.6744

■ 2.7451, 3.1189,
0.0770

■ 38.1801, 41.4841,
20.6427

■ 1.0204, 1.1941,
0.0000

■ 53.1870, 57.5962,
31.4001

■ 0.0000, 0.0569,
0.0000

■ 71.6863, 77.4183,
45.3652

■ 0.0000, 0.0000,
0.0000

■ 94.0434, 101.3347,
62.9564

■ 120.6236,

129.7298, 84.5924

151.7924,
162.9880, 110.6916

10.4607, 11.5635,
3.4309

10.4607, 11.5635,
3.4309

10.1792, 11.2293,
2.6320

10.7938, 11.9236,
4.4860

9.9442, 10.9176,
2.0657

11.1817, 12.3096,
5.8166

9.7474, 10.6255,
1.6866

11.6279, 12.7233,
7.4410

9.6544, 10.4853,
1.5150

12.1356, 13.1661,
9.3757

12.7078, 13.6391,
11.6361

■ 13.3472, 14.1436,
14.2364

■ 14.0563, 14.6805,
17.1900

■ 14.8376, 15.2507,
20.5097

■ 15.6934, 15.8554,
24.2075

Harmonies

Analogous

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



12.9493, 11.5635, 3.8723



10.4607, 11.5635, 3.4309



8.4337, 11.5635, 4.6188

Triad

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



10.4607, 11.5635, 3.4309



7.6530, 11.5635, 22.3729



15.8584, 11.5635, 18.6763

Complementary

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



10.4607, 11.5635, 3.4309



4.3810, 3.4669, 14.0740

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.



14.0186, 11.5635, 26.6617



10.4607, 11.5635, 3.4309



9.2404, 11.5635, 29.2881

Square

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



10.4607, 11.5635, 3.4309



6.9743, 11.5635, 14.1977



11.5384, 11.5635, 31.0939



16.3122, 11.5635, 11.1097

Rectangle

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



10.4607, 11.5635, 3.4309



7.5342, 11.5635, 6.5739



11.5384, 11.5635, 31.0939



15.3696, 11.5635, 21.4731

Sweetspot

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



10.4610, 11.5640, 3.4311



21.7399, 23.4771, 18.1833



7.1257, 4.5955, 3.2381



5.0458, 5.4605, 4.0755



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.



10.4610, 11.5640, 3.4311



17.6463, 19.4259, 4.0676



8.9547, 12.2288, 3.6388



3.2976, 3.5125, 3.3216



11.9629, 12.9756, 1.8740



60.4682, 65.1400, 9.3863

Inverse Universe

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



4.3810, 3.4669, 14.0740



6.0812, 4.0495, 24.3922



5.1969, 3.3608, 14.0105



2.9806, 3.0895, 3.8741



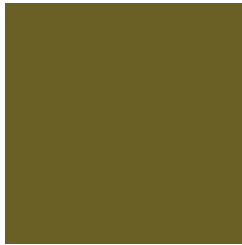
3.4289, 1.6922, 17.0681



17.0658, 7.8102, 86.8343

Previews

White Background



This preview shows how the XYZ color 10.4607, 11.5635, 3.4309 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 10.4607, 11.5635, 3.4309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

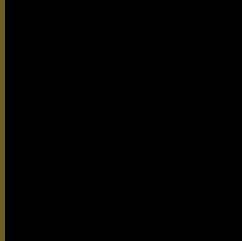
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.4607, 11.5635, 3.4309

Background



This preview shows how black text looks on a background with the XYZ color 10.4607, 11.5635, 3.4309.



This preview shows how white text looks on a background with the XYZ color 10.4607, 11.5635,

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

10.4607, 11.5635, 3.4309

Protanopia

10.5802, 11.6251, 3.4365

Deuteranopia

11.7150, 11.5506, 3.5315



Tritanopia

12.3694, 11.5549, 12.8876

Trichromacy



Original Color

10.4607, 11.5635, 3.4309

Protanomaly

10.5802, 11.6251, 3.4365

Deuteranomaly

11.2036, 11.5460, 3.4718

Tritanomaly

11.4038, 11.4135, 8.2586

Monochromacy



Original Color

10.4607, 11.5635, 3.4309

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

10.0138, 10.8380, 7.6950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4607, 11.5635, 3.4309 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(106, 96, 37)` looks like.

```
.text, #text, p{  
    color:rgb(106, 96, 37)  
}
```

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(106, 96, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 96, 37) }
```

Border

The CSS property to change the border of an element to XYZ 10.4607, 11.5635, 3.4309 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(106, 96, 37) }
```


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

```
.border{ border-color:rgb(106, 96, 37) }
```

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

Here you see how a box with a 4 pixel rgb(106, 96, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 96, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 96, 37);  
box-shadow:4px 4px 4px 4px rgb(106, 96,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 10.4607, 11.5635, 3.4309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 96, 37) }
```

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

```
.background{ background-color: rgb(106, 96,  
37) }
```

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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