

Converting Colors

XYZ(12.3127, 11.4961, 16.5272)

Have a look what the booklet for
XYZ(12.3127, 11.4961, 16.5272)
contains.

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Color

**XYZ(12.3511, 11.4633,
16.6006)**

Conversions

Conversions Part 1

Format	Color
Hex	695A6F
RGB	105, 90, 111
RGB Percent	41%, 35%, 44%
CMY	0.5882, 0.6470, 0.5647
CMYK	0.05, 0.19, 0.00, 0.56
HSL	283°, 10%, 39%
HSV	283°, 19%, 44%
XYZ	12.3511, 11.4633, 16.6006
YIQ	96.8790, 2.1990, 9.7110

Conversions

Conversions Part 2

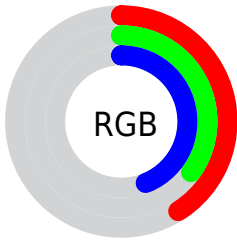
Format	Color
R_{YB}	105, 90, 111
Decimal	6904431
CIE Lab	40.35, 10.37, -9.69
CIE LCh	40, 14.190, 316.937
Yxy	11.4633, 0.3056, 0.2836
Android (android.graphics.Color)	4285094511 (0xFF695A6F)
YUV	96.8790, 6.9617, 7.1221
Hunter-Lab	33.8575, 5.8656, -5.3701

Details

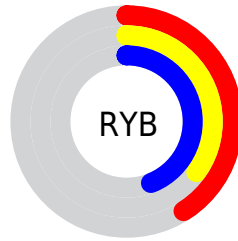
The XYZ color **12.3511, 11.4633, 16.6006** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.3542, 14.5942, 11.8393**, and the grayscale version is **11.3160, 11.9053, 12.9649**.

A 20% lighter version of the original color is **29.6992, 28.4684, 38.5800**, and **3.5428, 3.0598, 5.1065** is the 20% darker color. If you saturate the color by 10%, you get **11.1184, 9.5404, 16.2946**, and if you desaturate by 10%, it is **13.7383, 13.6740, 16.9544**.

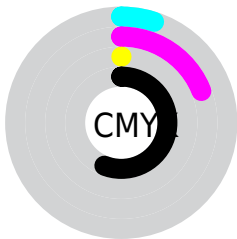
Distribution



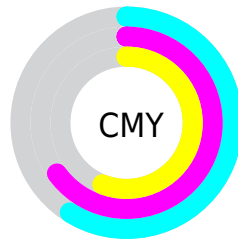
- Red (41%)
- Green (35%)
- Blue (44%)



- Red (41%)
- Yellow (35%)
- Blue (44%)



- Cyan (5%)
- Magenta (19%)
- Yellow (0%)
- Black (56%)



- Cyan (59%)
- Magenta (65%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.3511, 11.4633, 16.6006 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 12.3511, 11.4633, 16.6006 by changing the saturation by 10% instead.

■ 12.3511, 11.4633,
16.6006

■ 12.3511, 11.4633,
16.6006

200.4388,
200.8191, 244.8257

■ 7.0572, 6.3794,
9.7912

■ 29.7443, 28.5138,
38.4190

■ 3.5445, 3.0771,
5.1570

■ 42.5743, 41.2491,
54.2650

■ 1.4478, 1.1721,
2.2793

■ 58.6470, 57.3036,
73.9604

■ 0.2899, 0.0388,
0.7196

■ 78.3278, 77.0619,
97.9236

■ 0.0000, 0.0000,
0.0000

■ 101.9820,
100.9081, 126.5732

129.9750,

129.2268, 160.3277

162.6722,
162.4023, 199.6057

■ 12.3511, 11.4633,
16.6006

■ 12.3511, 11.4633,
16.6006

■ 11.1184, 9.5404,
16.2946

■ 13.7383, 13.6740,
16.9544

■ 10.0327, 7.8915,
16.0335

■ 15.2848, 16.1827,
17.3571

■ 9.0877, 6.5036,
15.8155

■ 16.9966, 19.0010,
17.8109

■ 8.2759, 5.3623,
15.6379

■ 18.8790, 22.1392,
18.3174

■ 7.5892, 4.4516,
15.4984

■ 20.9372, 25.6074,
18.8783

■ 7.0188, 3.7536,
15.3937

■ 23.1759, 29.4149,
19.4953

■ 6.5540, 3.2479,
15.3206

■ 25.5998, 33.5711,
20.1697

■ 6.1592, 2.8631,
15.2671

■ 28.2134, 38.0846,
20.9032

■ 6.1174, 2.8222,
15.2614

■ 31.0211, 42.9638,
21.6970

Harmonies

Analogous

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



11.4614, 11.4633, 18.4784



12.3511, 11.4633, 16.6006



12.8636, 11.4633, 13.7589

Triad

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



12.3511, 11.4633, 16.6006



11.3329, 11.4633, 7.8761



9.1689, 11.4633, 14.1436

Complementary

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



12.3511, 11.4633, 16.6006



12.3542, 14.5942, 11.8393

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.



9.1392, 11.4633, 11.2858



12.3511, 11.4633, 16.6006



10.3486, 11.4633, 7.9467

Square

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



12.3511, 11.4633, 16.6006



12.2521, 11.4633, 8.8971



9.5590, 11.4633, 9.1074



9.6430, 11.4633, 16.9188

Rectangle

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



12.3511, 11.4633, 16.6006



12.9032, 11.4633, 11.8326



9.5590, 11.4633, 9.1074



9.1077, 11.4633, 13.1539

Sweetspot

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



12.3514, 11.4638, 16.6009



25.3340, 25.6681, 30.5490



11.2965, 11.7425, 16.7102



6.0563, 6.1181, 7.3314



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



12.3514, 11.4638, 16.6009



21.0437, 18.8430, 29.4577



12.8554, 11.7497, 15.4455



3.4261, 3.4079, 4.2314



7.1825, 3.3121, 17.9824



34.8995, 16.0457, 89.5369

Inverse Universe

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



12.3235, 11.5369, 12.6443



21.0043, 19.0143, 20.8043



11.9307, 14.3546, 12.7792



3.4201, 3.4157, 3.7389



8.0172, 4.0993, 1.9007



39.6083, 20.2887, 7.7356

Previews

White Background



This preview shows how the XYZ color 12.3511, 11.4633, 16.6006 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 12.3511, 11.4633, 16.6006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

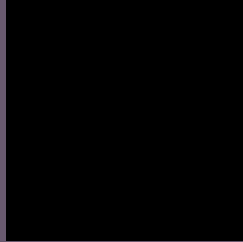
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 12.3511, 11.4633, 16.6006

Background



This preview shows how black text looks on a background with the XYZ color 12.3511, 11.4633, 16.6006.



This preview shows how white text looks on a background with the XYZ color 12.3511, 11.4633,

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

12.3511, 11.4633, 16.6006

Protanopia

11.3544, 11.4445, 17.5302

Deuteranopia

11.6586, 11.4959, 16.3563



Tritanopia

11.6728, 11.4387, 13.3970

Trichromacy



Original Color

12.3511, 11.4633, 16.6006

Protanomaly

11.7189, 11.5078, 17.2264

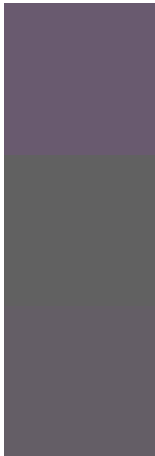
Deuteranomaly

11.8971, 11.4894, 16.3425

Tritanomaly

11.8982, 11.4045, 14.4061

Monochromacy



Original Color

12.3511, 11.4633, 16.6006

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.6565, 11.6740, 14.2093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.3511, 11.4633, 16.6006 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, 90, 111)` looks like.

```
.text, #text, p{  
    color:rgb(105, 90, 111)  
}
```

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, 90, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 90, 111) }
```

Border

The CSS property to change the border of an element to XYZ 12.3511, 11.4633, 16.6006 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, 90, 111) }
```


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

```
.border{ border-color:rgb(105, 90, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 90, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 90, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 90, 111);  
box-shadow:4px 4px 4px 4px rgb(105, 90,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 12.3511, 11.4633, 16.6006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 90, 111) }
```

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

```
.background{ background-color: rgb(105, 90,  
111) }
```

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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