

Converting Colors

XYZ(13.0415, 11.3451, 16.7632)

Have a look what the booklet for
XYZ(13.0415, 11.3451, 16.7632)
contains.

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Color

**XYZ(13.0625, 11.3361,
16.8289)**

Conversions

Conversions Part 1

Format	Color
Hex	715670
RGB	113, 86, 112
RGB Percent	44%, 34%, 44%
CMY	0.5569, 0.6627, 0.5608
CMYK	0.00, 0.24, 0.01, 0.56
HSL	302°, 14%, 39%
HSV	302°, 24%, 44%
XYZ	13.0625, 11.3361, 16.8289
YIQ	97.0370, 7.7460, 13.8100

Conversions

Conversions Part 2

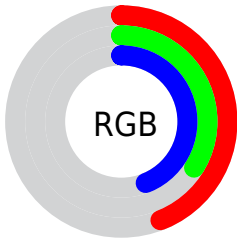
Format	Color
R_{YB}	113, 86, 112
Decimal	7427696
CIE _{Lab}	40.14, 16.04, -10.54
CIE _{LCh}	40, 19.192, 326.699
Yxy	11.3361, 0.3168, 0.2750
Android (android.graphics.Color)	4285617776 (0xFF715670)
YUV	97.0370, 7.3768, 13.9996
Hunter-Lab	33.6691, 10.3311, -6.0666

Details

The XYZ color **13.0625, 11.3361, 16.8289** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11.4636, 14.4772, 11.2076**, and the grayscale version is **11.3527, 11.9440, 13.0070**.

A 20% lighter version of the original color is **31.0220, 28.2880, 38.9470**, and **3.8642, 3.0116, 5.2281** is the 20% darker color. If you saturate the color by 10%, you get **12.2075, 9.6632, 16.4293**, and if you desaturate by 10%, it is **14.0609, 13.2954, 17.2771**.

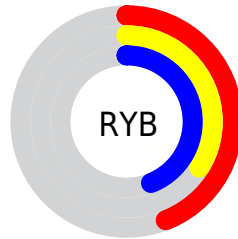
Distribution



Red (44%)

Green (34%)

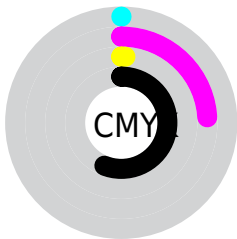
Blue (44%)



Red (44%)

Yellow (34%)

Blue (44%)

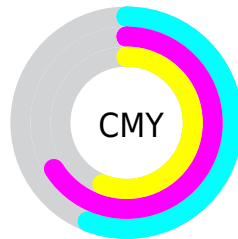


Cyan (0%)

Magenta (24%)

Yellow (1%)

Black (56%)



Cyan (56%)

Magenta (66%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0625, 11.3361, 16.8289 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 13.0625, 11.3361, 16.8289 by changing the saturation by 10% instead.

■ 13.0625, 11.3361,
16.8289

■ 13.0625, 11.3361,
16.8289

204.9473,
199.9591, 246.1949

■ 7.5489, 6.2934,
9.9519

■ 31.0164, 28.2800,
38.8180

■ 3.8570, 3.0243,
5.2619

■ 44.1874, 40.9500,
54.7671

■ 1.6216, 1.1444,
2.3403

■ 60.6415, 56.9312,
74.5774

■ 0.4064, 0.0156,
0.7537

■ 80.7442, 76.6080,
98.6674

■ 0.0000, 0.0000,
0.0000

■ 104.8608,
100.3648, 127.4556

133.3566,

128.5860, 161.3606

166.5970,
161.6559, 200.8008

■ 13.0625, 11.3361,
16.8289

■ 13.0625, 11.3361,
16.8289

■ 12.2075, 9.6632,
16.4293

■ 14.0609, 13.2954,
17.2771

■ 11.4883, 8.2618,
16.0753

■ 15.2081, 15.5521,
17.7754

■ 10.8979, 7.1180,
15.7648

■ 16.5101, 18.1184,
18.3258

■ 10.4286, 6.2159,
15.4952

■ 17.9726, 21.0054,
18.9302

■ 10.0714, 5.5381,
15.2635

■ 19.6008, 24.2238,
19.5904

■ 9.8165, 5.0646,
15.0664

■ 21.3999, 27.7836,
20.3080

■ 9.6492, 4.7662,
14.8991

■ 23.3745, 31.6945,
21.0848

■ 9.5605, 4.6109,
14.8016

■ 25.5295, 35.9657,
21.9222

■ 27.8691, 40.6062,
22.8217

Harmonies

Analogous

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



11.9680, 11.3361, 20.1329



13.0625, 11.3361, 16.8289



13.5420, 11.3361, 12.7707

Triad

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



13.0625, 11.3361, 16.8289



10.9229, 11.3361, 6.3684



8.6428, 11.3361, 15.9446

Complementary

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



13.0625, 11.3361, 16.8289



11.4636, 14.4772, 11.2076

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.



8.4125, 11.3361, 11.9252



13.0625, 11.3361, 16.8289



9.6633, 11.3361, 6.8771

Square

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



13.0625, 11.3361, 16.8289



12.2443, 11.3361, 7.1673



8.7708, 11.3361, 8.7349



9.4275, 11.3361, 19.5528

Rectangle

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



13.0625, 11.3361, 16.8289



13.4214, 11.3361, 10.3513



8.7708, 11.3361, 8.7349



8.5009, 11.3361, 14.5753

Sweetspot

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



13.0628, 11.3366, 16.8291



26.5254, 26.4566, 31.5253



10.2300, 9.8698, 16.9890



6.1163, 6.0830, 7.2829



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.



13.0628, 11.3366, 16.8291



22.4597, 18.4766, 29.7036



12.3713, 11.0600, 13.1876



3.5093, 3.4514, 4.2088



10.8430, 5.2296, 16.7812



53.9410, 26.0217, 83.2106

Inverse Universe

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



13.0628, 11.3366, 16.8291



22.4597, 18.4766, 29.7036



12.0630, 14.7170, 14.3637



3.5093, 3.4514, 4.2088



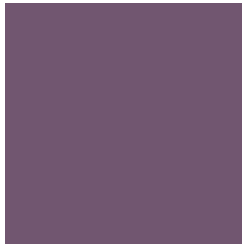
10.8430, 5.2296, 16.7812



53.9410, 26.0217, 83.2106

Previews

White Background



This preview shows how the XYZ color 13.0625, 11.3361, 16.8289 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 13.0625, 11.3361, 16.8289 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 13.0625, 11.3361, 16.8289

Background



This preview shows how black text looks on a background with the XYZ color 13.0625, 11.3361, 16.8289.



This preview shows how white text looks on a background with the XYZ color 13.0625, 11.3361,

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

13.0625, 11.3361, 16.8289

Protanopia

11.3334, 11.4136, 18.4353

Deuteranopia

11.6075, 11.4632, 16.6398



Tritanopia

12.2392, 11.3688, 12.6156

Trichromacy



Original Color

13.0625, 11.3361, 16.8289

Protanomaly

11.8726, 11.3166, 17.7782

Deuteranomaly

12.0049, 11.2848, 16.5844

Tritanomaly

12.5701, 11.3835, 14.1051

Monochromacy



Original Color

13.0625, 11.3361, 16.8289

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.9061, 11.6716, 14.1957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0625, 11.3361, 16.8289 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(113, 86, 112)` looks like.

```
.text, #text, p{  
    color:rgb(113, 86, 112)  
}
```

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(113, 86, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 86, 112) }
```

Border

The CSS property to change the border of an element to XYZ 13.0625, 11.3361, 16.8289 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(113, 86, 112) }
```


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

```
.border{ border-color:rgb(113, 86, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 86, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 86, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 86, 112);  
box-shadow:4px 4px 4px 4px rgb(113, 86,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0625, 11.3361, 16.8289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 86, 112) }
```

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

```
.background{ background-color: rgb(113, 86,  
112) }
```

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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