

Converting Colors

XYZ(13.6106, 14.1606, 13.7415)

Have a look what the booklet for
XYZ(13.6106, 14.1606, 13.7415)
contains.

XYZ(13.6329, 14.1165, 13.8106)	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(13.6329, 14.1165,
13.8106)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6863
RGB	110, 104, 99
RGB Percent	43%, 41%, 39%
CMY	0.5686, 0.5921, 0.6118
CMYK	0.00, 0.05, 0.10, 0.57
HSL	27°, 5%, 41%
HSV	27°, 10%, 43%
XYZ	13.6329, 14.1165, 13.8106
YIQ	105.2240, 5.1810, -0.2830

Conversions

Conversions Part 2

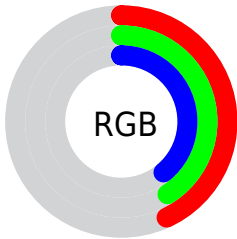
Format	Color
RYB	110, 108, 99
Decimal	7235683
CIELab	44.40, 1.39, 3.65
CIELCh	44, 3.904, 69.189
Yxy	14.1165, 0.3280, 0.3397
Android (android.graphics.Color)	4285425763 (0xFF6E6863)
YUV	105.2240, -3.0684, 4.1886
Hunter-Lab	37.5719, -0.9825, 4.5067

Details

The XYZ color **13.6329, 14.1165, 13.8106** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.0117, 13.8814, 16.7457**, and the grayscale version is **13.4954, 14.1982, 15.4619**.

A 20% lighter version of the original color is **32.1267, 33.3261, 33.5935**, and **4.0923, 4.2074, 3.9646** is the 20% darker color. If you saturate the color by 10%, you get **12.5601, 12.7559, 11.0328**, and if you desaturate by 10%, it is **14.8211, 15.5929, 16.9807**.

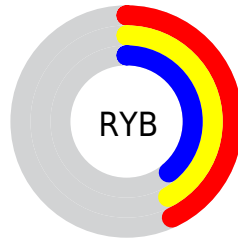
Distribution



Red (43%)

Green (41%)

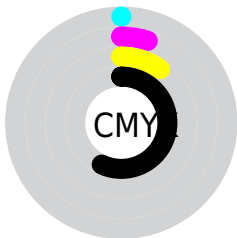
Blue (39%)



Red (43%)

Yellow (42%)

Blue (39%)

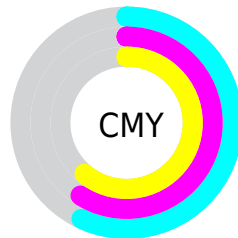


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (57%)



Cyan (57%)

Magenta (59%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.6329, 14.1165, 13.8106 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 13.6329, 14.1165, 13.8106 by changing the saturation by 10% instead.

■ 13.6329, 14.1165,
13.8106

■ 13.6329, 14.1165,
13.8106

208.4916,
217.9544, 227.4367

■ 7.9458, 8.2017,
7.8518

■ 32.0280, 33.2956,
33.4649

■ 4.1118, 4.2243,
3.9139

■ 45.4666, 47.3287,
47.9974

■ 1.7656, 1.7998,
1.5782

■ 62.2198, 64.8368,
66.2250

■ 0.4968, 0.4871,
0.2752

■ 82.6529, 86.2041,
88.5661

■ 0.0000, 0.0000,
0.0000

107.1313,
111.8151, 115.4392

136.0203,

142.0543, 147.2630

169.6853,
177.3059, 184.4560

■ 13.6329, 14.1165,
13.8106

■ 13.6329, 14.1165,
13.8106

■ 12.5601, 12.7559,
11.0328

■ 14.8211, 15.5929,
16.9807

■ 11.5978, 11.5063,
8.6310

■ 16.1270, 17.1861,
20.5567

■ 10.7424, 10.3654,
6.5889

■ 17.5546, 18.8994,
24.5529

■ 9.9895, 9.3297,
4.8888

■ 19.1071, 20.7353,
28.9823

■ 9.3348, 8.3961,
3.5115

■ 20.7875, 22.6965,
33.8576

■ 8.7730, 7.5608,
2.4359

■ 22.5990, 24.7854,
39.1909

■ 8.2988, 6.8200,
1.6381

■ 24.5444, 27.0042,
44.9937

■ 7.9060, 6.1693,
1.0907

■ 26.6265, 29.3554,
51.2774

■ 7.5720, 5.5980,
0.6814

■ 28.8482, 31.8412,
58.0526

Harmonies

Analogous

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



13.8906, 14.1165, 14.3039



13.6329, 14.1165, 13.8106



13.3212, 14.1165, 13.7264

Triad

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



13.6329, 14.1165, 13.8106



12.8303, 14.1165, 15.6482



13.8023, 14.1165, 16.7496

Complementary

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



13.6329, 14.1165, 13.8106



13.0117, 13.8814, 16.7457

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.



13.5139, 14.1165, 17.1408



13.6329, 14.1165, 13.8106



12.9549, 14.1165, 16.4888

Square

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



13.6329, 14.1165, 13.8106



12.8610, 14.1165, 14.7645



13.2040, 14.1165, 17.0436



13.9895, 14.1165, 15.9928

Rectangle

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



13.6329, 14.1165, 13.8106



13.1251, 14.1165, 13.9102



13.2040, 14.1165, 17.0436



13.7138, 14.1165, 16.9295

Sweetspot

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



13.6333, 14.1171, 13.8109



25.3640, 26.5638, 28.0316



13.4449, 13.2599, 15.2291



5.8684, 6.1395, 6.4320



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.



13.6333, 14.1171, 13.8109



23.4875, 24.2197, 23.0621



14.1996, 15.2497, 13.9997



3.4978, 3.6281, 3.5893



9.0674, 6.6673, 0.8090



44.3282, 31.5315, 3.7498

Inverse Universe

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



13.0117, 13.8814, 16.7457



22.1626, 23.7174, 29.3171



12.4744, 12.8069, 16.5666



3.3542, 3.5737, 4.2672



5.2916, 5.1735, 18.4413



25.4890, 24.0299, 91.5739

Previews

White Background



This preview shows how the XYZ color 13.6329, 14.1165, 13.8106 looks on a white background.

Color Contrast Check

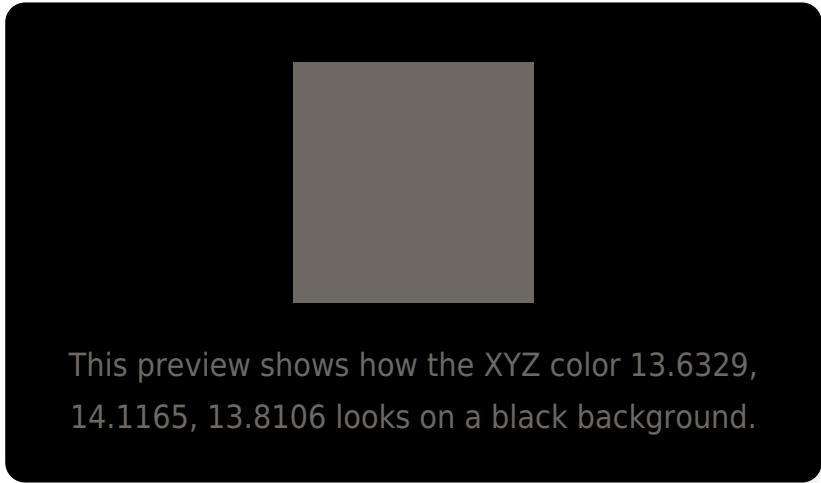
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

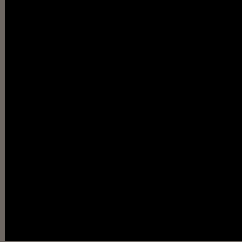
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.6329, 14.1165, 13.8106

Background



This preview shows how black text looks on a background with the XYZ color 13.6329, 14.1165, 13.8106.



This preview shows how white text looks on a background with the XYZ color 13.6329, 14.1165,

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

13.6329, 14.1165, 13.8106

Protanopia

13.4880, 14.1921, 13.8328

Deuteranopia

14.2900, 14.0094, 14.0075



Tritanopia

14.2479, 14.0733, 16.7173

Trichromacy



Original Color

13.6329, 14.1165, 13.8106

Protanomaly

13.6104, 14.2552, 13.8386

Deuteranomaly

13.9911, 14.0002, 14.0215

Tritanomaly

14.0073, 14.1206, 15.6230

Monochromacy



Original Color

13.6329, 14.1165, 13.8106

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.5632, 14.2082, 14.8596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6329, 14.1165, 13.8106 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(110, 104, 99)` looks like.

```
.text, #text, p{  
    color:rgb(110, 104, 99)  
}
```

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(110, 104, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 104, 99) }
```

Border

The CSS property to change the border of an element to XYZ 13.6329, 14.1165, 13.8106 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(110, 104, 99) }
```


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

```
.border{ border-color:rgb(110, 104, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 104, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 104, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 104, 99);  
box-shadow:4px 4px 4px 4px rgb(110, 104,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6329, 14.1165, 13.8106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 104, 99) }
```

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

```
.background{ background-color: rgb(110,  
104, 99) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor