

Converting Colors

XYZ(14.1812, 13.6317, 17.1301)

Have a look what the booklet for
XYZ(14.1812, 13.6317, 17.1301)
contains.

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Color

**XYZ(14.1965, 13.6042,
17.2069)**

Conversions

Conversions Part 1

Format	Color
Hex	716370
RGB	113, 99, 112
RGB Percent	44%, 39%, 44%
CMY	0.5569, 0.6118, 0.5608
CMYK	0.00, 0.12, 0.01, 0.56
HSL	304°, 7%, 42%
HSV	304°, 12%, 44%
XYZ	14.1965, 13.6042, 17.2069
YIQ	104.6680, 4.1710, 7.0110

Conversions

Conversions Part 2

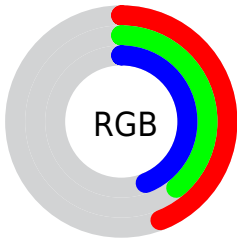
Format	Color
R_{YB}	113, 99, 112
Decimal	7431024
CIE _{Lab}	43.66, 8.13, -5.27
CIE _{LCh}	44, 9.690, 327.071
Yxy	13.6042, 0.3154, 0.3023
Android (android.graphics.Color)	4285621104 (0xFF716370)
YUV	104.6680, 3.6147, 7.3072
Hunter-Lab	36.8839, 4.1574, -1.8410

Details

The XYZ color **14.1965, 13.6042, 17.2069** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.3514, 15.3834, 14.3228**, and the grayscale version is **13.3276, 14.0217, 15.2696**.

A 20% lighter version of the original color is **33.1242, 32.4924, 39.6478**, and **4.3334, 3.9500, 5.3845** is the 20% darker color. If you saturate the color by 10%, you get **13.1554, 11.5934, 16.6393**, and if you desaturate by 10%, it is **15.3886, 15.9160, 17.8272**.

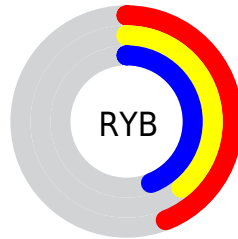
Distribution



Red (44%)

Green (39%)

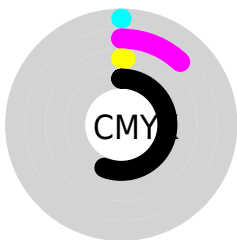
Blue (44%)



Red (44%)

Yellow (39%)

Blue (44%)

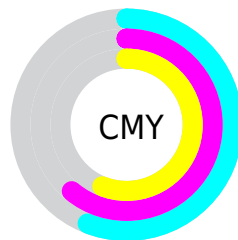


Cyan (0%)

Magenta (12%)

Yellow (1%)

Black (56%)



Cyan (56%)

Magenta (61%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1965, 13.6042, 17.2069 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 14.1965, 13.6042, 17.2069 by changing the saturation by 10% instead.

■ 14.1965, 13.6042,
17.2069

■ 14.1965, 13.6042,
17.2069

211.9361,
214.7544, 248.4461

■ 8.3401, 7.8459,
10.2186

■ 33.0206, 32.3851,
39.4767

■ 4.3669, 3.9965,
5.4366

■ 46.7191, 46.1764,
55.5952

■ 1.9118, 1.6716,
2.4425

■ 63.7622, 63.4143,
75.5943

■ 0.5837, 0.4052,
0.8094

■ 84.5154, 84.4830,
99.8924

■ 0.0000, 0.0000,
0.0000

109.3441,
109.7670, 128.9081

138.6135,

139.6506, 163.0599

172.6890,
174.5183, 202.7664

■ 14.1965, 13.6042,
17.2069

■ 14.1965, 13.6042,
17.2069

■ 13.1554, 11.5934,
16.6393

■ 15.3886, 15.9160,
17.8272

■ 12.2580, 9.8695,
16.1213

■ 16.7364, 18.5386,
18.5012

■ 11.4979, 8.4198,
15.6512

■ 18.2457, 21.4837,
19.2311

■ 10.8682, 7.2299,
15.2264

■ 19.9219, 24.7619,
20.0185

■ 10.3609, 6.2845,
14.8445

■ 21.7699, 28.3830,
20.8653

■ 9.9676, 5.5662,
14.5025

■ 23.7945, 32.3567,
21.7729

■ 9.6784, 5.0555,
14.1971

■ 26.0004, 36.6923,
22.7430

■ 9.4813, 4.7286,
13.9245

■ 28.3919, 41.3986,
23.7770

■ 9.3563, 4.5292,
13.7265

■ 30.9734, 46.4841,
24.8763

Harmonies

Analogous

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



13.6071, 13.6042, 18.8618



14.1965, 13.6042, 17.2069



14.4458, 13.6042, 15.0276

Triad

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



14.1965, 13.6042, 17.2069



13.0052, 13.6042, 11.0128



11.6720, 13.6042, 16.8007

Complementary

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



14.1965, 13.6042, 17.2069



13.3514, 15.3834, 14.3228

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.



11.5248, 13.6042, 14.5997



14.1965, 13.6042, 17.2069



12.2765, 13.6042, 11.3889

Square

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



14.1965, 13.6042, 17.2069



13.7414, 13.6042, 11.5694



11.7419, 13.6042, 12.6515



12.1519, 13.6042, 18.6116

Rectangle

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



14.1965, 13.6042, 17.2069



14.3787, 13.6042, 13.6174



11.7419, 13.6042, 12.6515



11.5828, 13.6042, 16.0759

Sweetspot

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



14.1969, 13.6048, 17.2072



27.1693, 27.7494, 31.7248



12.6912, 12.8221, 17.4290



6.2517, 6.3560, 7.3206



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.



14.1969, 13.6048, 17.2072



24.8320, 23.2206, 30.4961



13.8255, 13.4562, 15.2517



3.5046, 3.4496, 4.1841



10.6101, 5.1364, 15.5547



52.7195, 25.5331, 76.7782

Inverse Universe

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



14.1969, 13.6048, 17.2072



24.8320, 23.2206, 30.4961



13.7015, 15.5234, 16.1661



3.5046, 3.4496, 4.1841



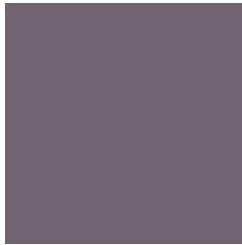
10.6101, 5.1364, 15.5547



52.7195, 25.5331, 76.7782

Previews

White Background



This preview shows how the XYZ color 14.1965, 13.6042, 17.2069 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 14.1965, 13.6042, 17.2069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

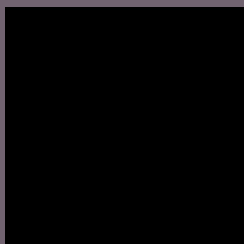
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1965, 13.6042, 17.2069

Background



This preview shows how black text looks on a background with the XYZ color 14.1965, 13.6042, 17.2069.



This preview shows how white text looks on a background with the XYZ color 14.1965, 13.6042,

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

14.1965, 13.6042, 17.2069

Protanopia

13.3670, 13.7402, 17.8672

Deuteranopia

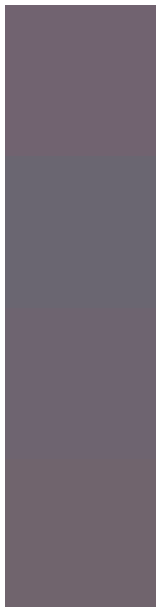
13.7885, 13.5354, 17.2151



Tritanopia

13.9460, 13.6418, 16.0855

Trichromacy



Original Color

14.1965, 13.6042, 17.2069

Protanomaly

13.6759, 13.7592, 17.5578

Deuteranomaly

13.9122, 13.5992, 17.2209

Tritanomaly

13.9996, 13.6632, 16.3674

Monochromacy



Original Color

14.1965, 13.6042, 17.2069

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.7414, 13.9714, 16.1598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1965, 13.6042, 17.2069 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, 99, 112) looks like.

```
.text, #text, p{  
    color:rgb(113, 99, 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, 99, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 99, 112) }
```

Border

The CSS property to change the border of an element to XYZ 14.1965, 13.6042, 17.2069 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, 99, 112) }
```


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

```
.border{ border-color:rgb(113, 99, 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, 99, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 99, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 99, 112);  
box-shadow:4px 4px 4px 4px rgb(113, 99,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1965, 13.6042, 17.2069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 99, 112) }
```

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

```
.background{ background-color: rgb(113, 99,  
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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