

Converting Colors

XYZ(13.8570, 14.2236, 16.3565)

Have a look what the booklet for
XYZ(13.8570, 14.2236, 16.3565)
contains.

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Color

**XYZ(13.8950, 14.1929,
16.4752)**

Conversions

Conversions Part 1

Format	Color
Hex	6C686D
RGB	108, 104, 109
RGB Percent	42%, 41%, 43%
CMY	0.5765, 0.5921, 0.5725
CMYK	0.01, 0.05, 0.00, 0.57
HSL	288°, 2%, 42%
HSV	288°, 5%, 43%
XYZ	13.8950, 14.1929, 16.4752
YIQ	105.7660, 0.7790, 2.4030

Conversions

Conversions Part 2

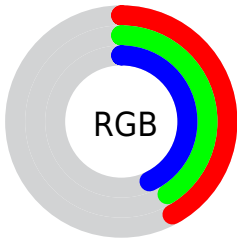
Format	Color
R_{YB}	108, 104, 109
Decimal	7104621
CIE Lab	44.51, 2.58, -2.25
CIE LCh	45, 3.427, 318.963
Yxy	14.1929, 0.3118, 0.3185
Android (android.graphics.Color)	4285294701 (0xFF6C686D)
YUV	105.7660, 1.5944, 1.9592
Hunter-Lab	37.6735, -0.0929, 0.4430

Details

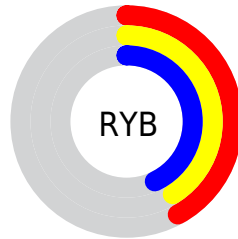
The XYZ color **13.8950, 14.1929, 16.4752** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.7936, 14.9404, 15.2542**, and the grayscale version is **13.6316, 14.3415, 15.6179**.

A 20% lighter version of the original color is **32.3646, 33.3517, 37.9894**, and **4.2571, 4.2662, 5.1565** is the 20% darker color. If you saturate the color by 10%, you get **12.6063, 12.0040, 16.1208**, and if you desaturate by 10%, it is **15.3330, 16.6701, 16.8778**.

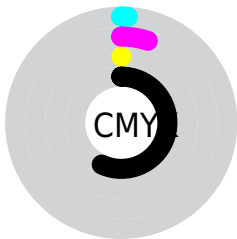
Distribution



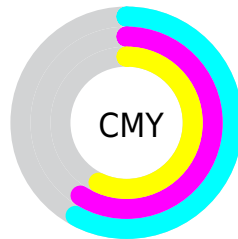
- Red (42%)
- Green (41%)
- Blue (43%)



- Red (42%)
- Yellow (41%)
- Blue (43%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (57%)



- Cyan (58%)
- Magenta (59%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8950, 14.1929, 16.4752 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 13.8950, 14.1929, 16.4752 by changing the saturation by 10% instead.

■ 13.8950, 14.1929,
16.4752

■ 13.8950, 14.1929,
16.4752

210.1004,
218.4276, 244.0704

■ 8.1289, 8.2550,
9.7031

■ 32.4904, 33.4309,
38.1994

■ 4.2300, 4.2585,
5.0995

■ 46.0505, 47.4998,
53.9886

■ 1.8331, 1.8192,
2.2460

■ 62.9392, 65.0477,
73.6205

■ 0.5375, 0.4991,
0.7007

■ 83.5219, 86.4591,
97.5137

■ 0.0000, 0.0000,
0.0000

108.1640,
112.1184, 126.0868

137.2309,

142.4100, 159.7582

171.0879,
177.7183, 198.9466

■ 13.8950, 14.1929,
16.4752

■ 13.8950, 14.1929,
16.4752

■ 12.6063, 12.0040,
16.1208

■ 15.3330, 16.6701,
16.8778

■ 11.4602, 10.0909,
15.8120

■ 16.9243, 19.4440,
17.3293

■ 10.4513, 8.4425,
15.5470

■ 18.6741, 22.5250,
17.8318

■ 9.5735, 7.0466,
15.3238

■ 20.5871, 25.9224,
18.3867

■ 8.8200, 5.8898,
15.1402

■ 22.6678, 29.6450,
18.9956

■ 8.1837, 4.9577,
14.9939

■ 24.9204, 33.7014,
19.6598

■ 7.6562, 4.2341,
14.8820

■ 27.3492, 38.0998,
20.3808

■ 7.2286, 3.7006,
14.8016

■ 29.9582, 42.8481,
21.1598

■ 6.8846, 3.3254,
14.7473

■ 32.7511, 47.9540,
21.9981

Harmonies

Analogous

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



13.6635, 14.1929, 16.9391



13.8950, 14.1929, 16.4752



14.0186, 14.1929, 15.7470

Triad

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



13.8950, 14.1929, 16.4752



13.5920, 14.1929, 14.0066



12.9933, 14.1929, 15.9538

Complementary

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



13.8950, 14.1929, 16.4752



13.7936, 14.9404, 15.2542

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.



12.9747, 14.1929, 15.1639



13.8950, 14.1929, 16.4752



13.3179, 14.1929, 14.0577

Square

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



13.8950, 14.1929, 16.4752



13.8421, 14.1929, 14.3332



13.0928, 14.1929, 14.4752



13.1438, 14.1929, 16.6310

Rectangle

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



13.8950, 14.1929, 16.4752



14.0220, 14.1929, 15.2176



13.0928, 14.1929, 14.4752



12.9715, 14.1929, 15.6921

Sweetspot

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



13.8954, 14.1935, 16.4755



25.7664, 26.9331, 29.7478



13.5299, 14.1680, 16.4898



6.0010, 6.2761, 6.9239



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.



13.8954, 14.1935, 16.4755



24.4991, 24.7618, 29.3955



13.9421, 14.2263, 16.0829



3.2452, 3.2779, 3.8965



7.8277, 3.6624, 17.2166



39.1712, 18.2931, 87.6926

Inverse Universe

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



13.8073, 14.1724, 15.3731



24.2904, 24.7122, 26.7621



13.7493, 14.9092, 15.6308



3.2171, 3.2712, 3.5422



7.5359, 3.8665, 1.1844



38.1402, 19.5980, 4.6752

Previews

White Background



This preview shows how the XYZ color 13.8950, 14.1929, 16.4752 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 13.8950, 14.1929, 16.4752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

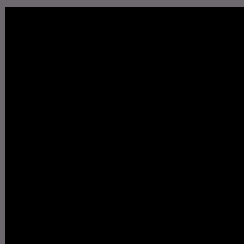
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.8950, 14.1929, 16.4752

Background



This preview shows how black text looks on a background with the XYZ color 13.8950, 14.1929, 16.4752.



This preview shows how white text looks on a background with the XYZ color 13.8950, 14.1929,

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

13.8950, 14.1929, 16.4752

Protanopia

13.7558, 14.2714, 16.4977

Deuteranopia

14.4511, 14.1843, 16.4442



Tritanopia

14.0593, 14.2586, 17.3404

Trichromacy

**Original Color**

13.8950, 14.1929, 16.4752

Protanomaly

13.8753, 14.3331, 16.5033

Deuteranomaly

14.2927, 14.2494, 16.4651

Tritanomaly

14.0039, 14.2365, 17.0488

Monochromacy

**Original Color**

13.8950, 14.1929, 16.4752

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.7688, 14.2905, 15.9426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8950, 14.1929, 16.4752 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(108, 104, 109)` looks like.

```
.text, #text, p{  
    color:rgb(108, 104, 109)  
}
```

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(108, 104, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 104, 109) }
```

Border

The CSS property to change the border of an element to XYZ 13.8950, 14.1929, 16.4752 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(108, 104, 109) }
```


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

```
.border{ border-color:rgb(108, 104, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 104, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 104, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 104, 109);  
box-shadow:4px 4px 4px 4px rgb(108, 104,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8950, 14.1929, 16.4752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 104, 109) }
```

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

```
.background{ background-color: rgb(108,  
104, 109) }
```

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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