

Converting Colors

XYZ(13.5875, 14.0225, 17.4655)

Have a look what the booklet for
XYZ(13.5875, 14.0225, 17.4655)
contains.

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Color

**XYZ(13.5839, 14.0135,
17.3182)**

Conversions

Conversions Part 1

Format	Color
Hex	686870
RGB	104, 104, 112
RGB Percent	41%, 41%, 44%
CMY	0.5922, 0.5921, 0.5608
CMYK	0.07, 0.07, 0.00, 0.56
HSL	240°, 4%, 42%
HSV	240°, 7%, 44%
XYZ	13.5839, 14.0135, 17.3182
YIQ	104.9120, -2.5680, 2.4880

Conversions

Conversions Part 2

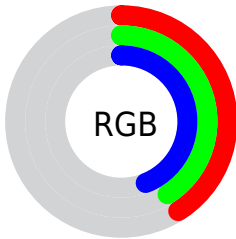
Format	Color
R_{YB}	104, 104, 112
Decimal	6842480
CIE _{Lab}	44.25, 1.71, -4.48
CIE _{LCh}	44, 4.793, 290.872
Yxy	14.0135, 0.3024, 0.3120
Android (android.graphics.Color)	4285032560 (0xFF686870)
YUV	104.9120, 3.4944, -0.7998
Hunter-Lab	37.4346, -0.7383, -1.2248

Details

The XYZ color **13.5839, 14.0135, 17.3182** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.9752, 16.0327, 15.4024**, and the grayscale version is **13.3951, 14.0927, 15.3470**.

A 20% lighter version of the original color is **31.9398, 33.0916, 39.8259**, and **4.0759, 4.1663, 5.4398** is the 20% darker color. If you saturate the color by 10%, you get **11.3159, 11.2809, 16.9105**, and if you desaturate by 10%, it is **16.1752, 17.1358, 17.7845**.

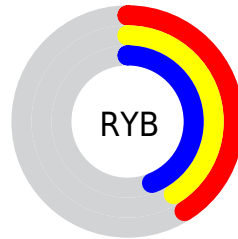
Distribution



Red (41%)

Green (41%)

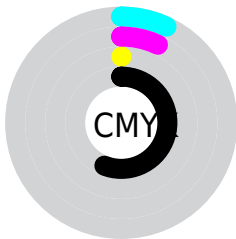
Blue (44%)



Red (41%)

Yellow (41%)

Blue (44%)

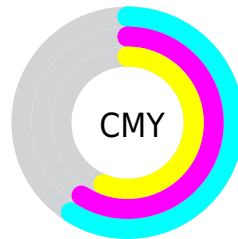


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (56%)



Cyan (59%)

Magenta (59%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5839, 14.0135, 17.3182 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 13.5839, 14.0135, 17.3182 by changing the saturation by 10% instead.

■ 13.5839, 14.0135,
17.3182

■ 13.5839, 14.0135,
17.3182

208.1895,
217.3148, 249.1052

■ 7.9116, 8.1301,
10.2973

■ 31.9413, 33.1130,
39.6702

■ 4.0898, 4.1783,
5.4883

■ 45.3572, 47.0978,
55.8383

■ 1.7530, 1.7738,
2.4728

■ 62.0849, 64.5519,
75.8926

■ 0.4891, 0.4708,
0.8257

■ 82.4899, 85.8596,
100.2516

■ 0.0000, 0.0000,
0.0000

106.9375,
111.4054, 129.3338

135.7931,

141.5735, 163.5578

169.4220,
176.7486, 203.3420

■ 13.5839, 14.0135,
17.3182

■ 13.5839, 14.0135,
17.3182

■ 11.3159, 11.2809,
16.9105

■ 16.1752, 17.1358,
17.7845

■ 9.3573, 8.9209,
16.5582

■ 19.1004, 20.6604,
18.3106

■ 7.6951, 6.9181,
16.2592

■ 22.3712, 24.6014,
18.8990

■ 6.3148, 5.2550,
16.0110

■ 25.9986, 28.9720,
19.5514

■ 5.2009, 3.9128,
15.8106

■ 29.9926, 33.7844,
20.2697

■ 4.3361, 2.8707,
15.6551

■ 34.3634, 39.0506,
21.0559

■ 3.7013, 2.1058,
15.5409

■ 39.1203, 44.7821,
21.9114

■ 3.2747, 1.5917,
15.4641

■ 44.2725, 50.9900,
22.8381

■ 2.9996, 1.2602,
15.4146

■ 49.8290, 57.6849,
23.8375

Harmonies

Analogous

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



13.2028, 14.0135, 17.4402



13.5839, 14.0135, 17.3182



13.8998, 14.0135, 16.6304

Triad

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



13.5839, 14.0135, 17.3182



13.7903, 14.0135, 13.6778



12.6044, 14.0135, 14.9257

Complementary

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



13.5839, 14.0135, 17.3182



14.9752, 16.0327, 15.4024

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.



12.7555, 14.0135, 13.9639



13.5839, 14.0135, 17.3182



13.4368, 14.0135, 13.2665

Square

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



13.5839, 14.0135, 17.3182



14.0205, 14.0135, 14.5181



13.0584, 14.0135, 13.3686



12.6421, 14.0135, 16.0233

Rectangle

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



13.5839, 14.0135, 17.3182



14.0284, 14.0135, 15.9610



13.0584, 14.0135, 13.3686



12.6347, 14.0135, 14.5766

Sweetspot

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



13.5843, 14.0141, 17.3185



26.1085, 27.3234, 30.8277



14.4206, 15.6986, 17.5607



6.2900, 6.5855, 7.4093



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.



13.5843, 14.0141, 17.3185



22.9835, 23.5581, 30.2656



14.0434, 14.2507, 17.3400



3.2176, 3.3005, 4.2217



3.3812, 1.3527, 17.8045



16.8428, 6.7375, 88.6919

Inverse Universe

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



14.1315, 14.3453, 15.1214



24.2099, 24.3004, 25.3411



14.4937, 15.7846, 15.3799



3.3845, 3.4015, 3.5516



7.7250, 3.9824, 0.3618



38.4815, 19.8379, 1.8016

Previews

White Background



This preview shows how the XYZ color 13.5839, 14.0135, 17.3182 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 13.5839, 14.0135, 17.3182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

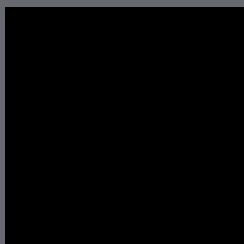
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

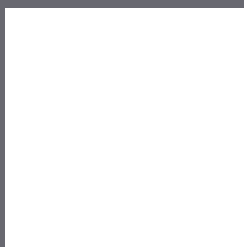
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.5839, 14.0135, 17.3182

Background



This preview shows how black text looks on a background with the XYZ color 13.5839, 14.0135, 17.3182.



This preview shows how white text looks on a background with the XYZ color 13.5839, 14.0135,

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

13.5839, 14.0135, 17.3182

Protanopia

13.5839, 14.0135, 17.3182

Deuteranopia

14.2315, 14.0521, 17.2915



Tritanopia

13.5839, 14.0135, 17.3182

Trichromacy

**Original Color**

13.5839, 14.0135, 17.3182

Protanomaly

13.5839, 14.0135, 17.3182

Deuteranomaly

13.9592, 14.0585, 17.3071

Tritanomaly

13.5839, 14.0135, 17.3182

Monochromacy

**Original Color**

13.5839, 14.0135, 17.3182

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.5840, 14.1891, 16.2102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5839, 14.0135, 17.3182 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(104, 104, 112) looks like.

```
.text, #text, p{  
    color:rgb(104, 104, 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(104, 104, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 104, 112) }
```

Border

The CSS property to change the border of an element to XYZ 13.5839, 14.0135, 17.3182 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(104, 104, 112) }
```


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

```
.border{ border-color:rgb(104, 104, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 104, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 104, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 104, 112);  
box-shadow:4px 4px 4px 4px rgb(104, 104,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5839, 14.0135, 17.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 104, 112) }
```

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

```
.background{ background-color: rgb(104,  
104, 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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