

Converting Colors

XYZ(14.4131, 14.8231, 17.6184)

Have a look what the booklet for
XYZ(14.4131, 14.8231, 17.6184)
contains.

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Color

**XYZ(14.4227, 14.8958,
17.7378)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6B71
RGB	108, 107, 113
RGB Percent	42%, 42%, 44%
CMY	0.5765, 0.5804, 0.5569
CMYK	0.04, 0.05, 0.00, 0.56
HSL	250°, 3%, 43%
HSV	250°, 5%, 44%
XYZ	14.4227, 14.8958, 17.7378
YIQ	107.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

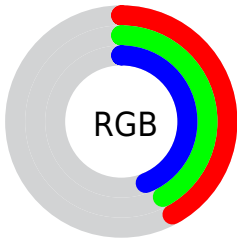
Format	Color
R_{YB}	108, 107, 113
Decimal	7105393
CIE Lab	45.49, 1.64, -3.21
CIE LCh	45, 3.606, 297.076
Yxy	14.8958, 0.3065, 0.3166
Android (android.graphics.Color)	4285295473 (0xFF6C6B71)
YUV	107.9830, 2.4734, 0.0149
Hunter-Lab	38.5951, -0.8372, -0.2324

Details

The XYZ color **14.4227, 14.8958, 17.7378** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.2416, 16.3169, 16.2568**, and the grayscale version is **14.2430, 14.9848, 16.3184**.

A 20% lighter version of the original color is **33.3165, 34.5413, 40.5085**, and **4.4945, 4.6055, 5.6531** is the 20% darker color. If you saturate the color by 10%, you get **12.2365, 12.1330, 17.3200**, and if you desaturate by 10%, it is **16.8875, 18.0316, 18.2134**.

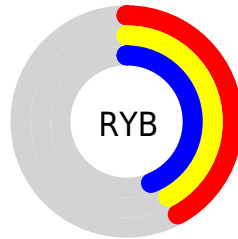
Distribution



Red (42%)

Green (42%)

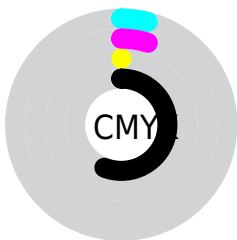
Blue (44%)



Red (42%)

Yellow (42%)

Blue (44%)

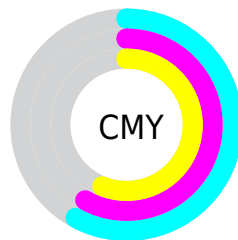


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (56%)



Cyan (58%)

Magenta (58%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4227, 14.8958, 17.7378 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 14.4227, 14.8958, 17.7378 by changing the saturation by 10% instead.

■ 14.4227, 14.8958,
17.7378

■ 14.4227, 14.8958,
17.7378

213.3032,
222.7347, 251.5753

■ 8.4989, 8.7463,
10.5944

■ 33.4172, 34.6703,
40.3979

■ 4.4703, 4.5761,
5.6841

■ 47.2187, 49.0640,
56.7517

■ 1.9715, 2.0007,
2.5883

■ 64.3767, 66.9747,
77.0128

■ 0.6179, 0.6079,
0.8864

■ 85.2567, 88.7866,
101.5996

■ 0.0000, 0.0000,
0.0000

110.2240,
114.8841, 130.9307

139.6439,

145.6517, 165.4246

173.8819,
181.4738, 205.5000

■ 14.4227, 14.8958,
17.7378

■ 14.4227, 14.8958,
17.7378

■ 12.2365, 12.1330,
17.3200

■ 16.8875, 18.0316,
18.2134

■ 10.3178, 9.7275,
16.9568

■ 19.6390, 21.5518,
18.7478

■ 8.6566, 7.6652,
16.6463

■ 22.6866, 25.4693,
19.3434

■ 7.2419, 5.9303,
16.3860

■ 26.0387, 29.7962,
20.0019

■ 6.0616, 4.5058,
16.1732

■ 29.7034, 34.5438,
20.7251

■ 5.1028, 3.3731,
16.0051

■ 33.6888, 39.7231,
21.5147

■ 4.3512, 2.5118,
15.8785

■ 38.0023, 45.3447,
22.3725

■ 3.7910, 1.8985,
15.7896

■ 42.6513, 51.4189,
23.2999

■ 3.3969, 1.4923,
15.7320

■ 47.6428, 57.9554,
24.2985

Harmonies

Analogous

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



14.1286, 14.8958, 17.9287



14.4227, 14.8958, 17.7378



14.6487, 14.8958, 17.1353

Triad

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



14.4227, 14.8958, 17.7378



14.4745, 14.8958, 14.8690



13.5887, 14.8958, 16.1347

Complementary

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



14.4227, 14.8958, 17.7378



15.2416, 16.3169, 16.2568

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.



13.6784, 14.8958, 15.3359



14.4227, 14.8958, 17.7378



14.1875, 14.8958, 14.6215

Square

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



14.4227, 14.8958, 17.7378



14.6789, 14.8958, 15.4772



13.8966, 14.8958, 14.7895



13.6496, 14.8958, 16.9841

Rectangle

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



14.4227, 14.8958, 17.7378



14.7288, 14.8958, 16.5920



13.8966, 14.8958, 14.7895



13.6022, 14.8958, 15.8516

Sweetspot

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



14.4231, 14.8964, 17.7381



27.2077, 28.4273, 32.0285



14.8497, 15.9289, 17.9149



6.3086, 6.5950, 7.4102



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.



14.4231, 14.8964, 17.7381



25.4740, 26.2270, 31.6952



14.7818, 15.0813, 17.7549



3.4111, 3.5102, 4.2520



3.6685, 1.5006, 17.8179



17.7640, 7.2120, 88.7349

Inverse Universe

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



14.9929, 15.1966, 17.4729



26.6523, 26.8479, 31.1443



14.8784, 16.1297, 16.2398



3.5725, 3.5952, 4.1764



10.0203, 4.9005, 12.4489



49.6433, 24.3026, 60.5789

Previews

White Background



This preview shows how the XYZ color 14.4227, 14.8958, 17.7378 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 14.4227, 14.8958, 17.7378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

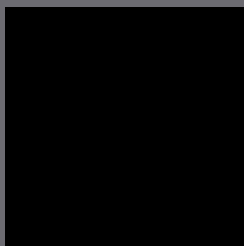
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

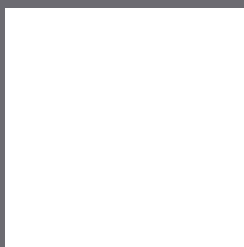
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4227, 14.8958, 17.7378

Background



This preview shows how black text looks on a background with the XYZ color 14.4227, 14.8958, 17.7378.



This preview shows how white text looks on a background with the XYZ color 14.4227, 14.8958,

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

14.4227, 14.8958, 17.7378

Protanopia

14.4227, 14.8958, 17.7378

Deuteranopia

15.0578, 14.7604, 17.9750



Tritanopia

14.5365, 14.9413, 18.3375

Trichromacy

**Original Color**

14.4227, 14.8958, 17.7378

Protanomaly

14.4227, 14.8958, 17.7378

Deuteranomaly

14.7709, 14.7628, 17.9906

Tritanomaly

14.4793, 14.9184, 18.0360

Monochromacy

**Original Color**

14.4227, 14.8958, 17.7378

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.3614, 15.0391, 16.8978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4227, 14.8958, 17.7378 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, 107, 113)` looks like.

```
.text, #text, p{  
    color:rgb(108, 107, 113)  
}
```

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, 107, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 107, 113) }
```

Border

The CSS property to change the border of an element to XYZ 14.4227, 14.8958, 17.7378 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, 107, 113) }
```


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

```
.border{ border-color:rgb(108, 107, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 107, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 107, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 107, 113);  
box-shadow:4px 4px 4px 4px rgb(108, 107,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4227, 14.8958, 17.7378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 107, 113) }
```

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

```
.background{ background-color: rgb(108,  
107, 113) }
```

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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