

Converting Colors

XYZ(14.4814, 15.2807, 16.0964)

Have a look what the booklet for
XYZ(14.4814, 15.2807, 16.0964)
contains.

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Color

**XYZ(14.4292, 15.2500,
16.0930)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6D6B
RGB	109, 109, 107
RGB Percent	43%, 43%, 42%
CMY	0.5725, 0.5725, 0.5804
CMYK	0.00, 0.00, 0.02, 0.57
HSL	60°, 1%, 42%
HSV	60°, 2%, 43%
XYZ	14.4292, 15.2500, 16.0930
YIQ	108.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

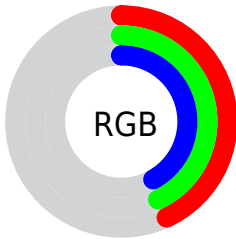
Format	Color
R _Y B	107, 109, 107
Decimal	7171435
CIE Lab	45.97, -0.40, 1.11
CIE LCh	46, 1.180, 109.961
Yxy	15.2500, 0.3152, 0.3332
Android (android.graphics.Color)	4285361515 (0xFF6D6D6B)
YUV	108.7720, -0.8736, 0.2000
Hunter-Lab	39.0512, -2.3850, 2.9025

Details

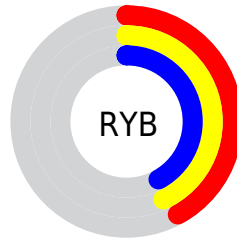
The XYZ color **14.4292, 15.2500, 16.0930** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0819, 14.7457, 16.5727**, and the grayscale version is **14.4739, 15.2276, 16.5829**.

A 20% lighter version of the original color is **33.2396, 35.0838, 37.3677**, and **4.5248, 4.7956, 4.9621** is the 20% darker color. If you saturate the color by 10%, you get **13.8909, 15.0351, 13.2606**, and if you desaturate by 10%, it is **15.0407, 15.4952, 19.3069**.

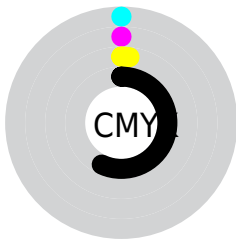
Distribution



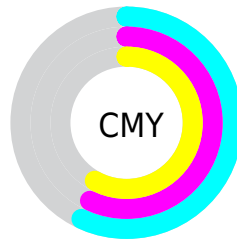
- Red (43%)
- Green (43%)
- Blue (42%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (57%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4292, 15.2500, 16.0930 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 14.4292, 15.2500, 16.0930 by changing the saturation by 10% instead.

■ 14.4292, 15.2500,
16.0930

■ 14.4292, 15.2500,
16.0930

213.3424,
224.8745, 241.7543

■ 8.5035, 8.9950,
9.4349

■ 33.4286, 35.2912,
37.5286

■ 4.4733, 4.7379,
4.9253

■ 47.2330, 49.8461,
53.1432

■ 1.9732, 2.0943,
2.1455

■ 64.3943, 67.9366,
72.5804

■ 0.6188, 0.6614,
0.6427

■ 85.2779, 89.9469,
96.2588

■ 0.0000, 0.0000,
0.0000

110.2492,
116.2614, 124.5968

139.6735,

147.2646, 158.0130

173.9161,
183.3408, 196.9260

■ 14.4292, 15.2500,
16.0930

■ 14.4292, 15.2500,
16.0930

■ 13.8909, 15.0351,
13.2606

■ 15.0407, 15.4952,
19.3069

■ 13.4218, 14.8473,
10.7946

■ 15.7266, 15.7696,
22.9147

■ 13.0195, 14.6863,
8.6803

■ 16.4898, 16.0750,
26.9295

■ 12.6809, 14.5508,
6.9017

■ 17.3326, 16.4122,
31.3633

■ 12.4028, 14.4395,
5.4415

■ 18.2572, 16.7822,
36.2279

■ 12.1816, 14.3509,
4.2811

■ 19.2657, 17.1857,
41.5344

■ 12.0134, 14.2835,
3.3995

■ 20.3602, 17.6236,
47.2937

■ 11.8937, 14.2355,
2.7733

■ 21.5427, 18.0966,
53.5161

■ 11.8172, 14.2048,
2.3745

■ 22.8150, 18.6056,
60.2117

Harmonies

Analogous

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



14.5282, 15.2500, 16.0689



14.4292, 15.2500, 16.0930



14.3481, 15.2500, 16.2533

Triad

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



14.4292, 15.2500, 16.0930



14.3715, 15.2500, 17.0293



14.6846, 15.2500, 16.7007

Complementary

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



14.4292, 15.2500, 16.0930



14.0819, 14.7457, 16.5727

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.



14.6422, 15.2500, 16.9610



14.4292, 15.2500, 16.0930



14.4612, 15.2500, 17.1522

Square

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



14.4292, 15.2500, 16.0930



14.3149, 15.2500, 16.7931



14.5603, 15.2500, 17.1270



14.6759, 15.2500, 16.4176

Rectangle

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



14.4292, 15.2500, 16.0930



14.3150, 15.2500, 16.4169



14.5603, 15.2500, 17.1270



14.6759, 15.2500, 16.7939

Sweetspot

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



14.4296, 15.2507, 16.0933



25.9209, 27.3408, 29.2558



14.2187, 14.8285, 16.0230



6.0340, 6.3632, 6.8187



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.



14.4296, 15.2507, 16.0933



25.8148, 27.2984, 28.6978



14.3073, 15.1876, 16.0876



3.4262, 3.6208, 3.8240



13.7632, 16.5904, 2.4769



70.1267, 84.5337, 12.6206

Inverse Universe

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



14.0819, 14.7457, 16.5727



25.1188, 26.2877, 29.6574



14.2028, 14.8080, 16.5784



3.3458, 3.5040, 3.9349



3.2294, 1.2919, 17.0014



16.4528, 6.5813, 86.6294

Previews

White Background



This preview shows how the XYZ color 14.4292, 15.2500, 16.0930 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 14.4292, 15.2500, 16.0930 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

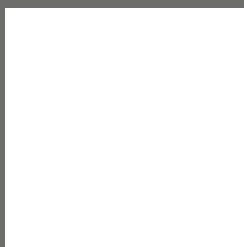
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4292, 15.2500, 16.0930

Background



This preview shows how black text looks on a background with the XYZ color 14.4292, 15.2500, 16.0930.



This preview shows how white text looks on a background with the XYZ color 14.4292, 15.2500,

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

14.4292, 15.2500, 16.0930

Protanopia

14.5719, 15.1662, 16.0693

Deuteranopia

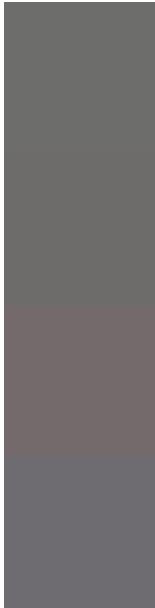
15.5041, 15.1789, 16.3000



Tritanopia

14.9454, 15.3011, 18.6887

Trichromacy



Original Color

14.4292, 15.2500, 16.0930

Protanomaly

14.4468, 15.1017, 16.0634

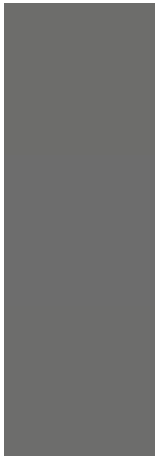
Deuteranomaly

15.0633, 15.1038, 16.3088

Tritanomaly

14.7736, 15.2324, 17.7843

Monochromacy



Original Color

14.4292, 15.2500, 16.0930

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.4821, 15.2712, 16.3717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4292, 15.2500, 16.0930 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(109, 109, 107)` looks like.

```
.text, #text, p{  
    color:rgb(109, 109, 107)  
}
```

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(109, 109, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 109, 107) }
```

Border

The CSS property to change the border of an element to XYZ 14.4292, 15.2500, 16.0930 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(109, 109, 107) }
```


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

```
.border{ border-color:rgb(109, 109, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 109, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 109, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 109, 107); box-shadow:4px 4px 4px 4px rgb(109, 109, 107) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4292, 15.2500, 16.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 109, 107) }
```

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

```
.background{ background-color: rgb(109,  
109, 107) }
```

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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