

Converting Colors

XYZ(14.3112, 15.0506, 16.0523)

Have a look what the booklet for
XYZ(14.3112, 15.0506, 16.0523)
contains.

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Color

**XYZ(14.3231, 15.0379,
16.0576)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6C6B
RGB	109, 108, 107
RGB Percent	43%, 42%, 42%
CMY	0.5725, 0.5765, 0.5804
CMYK	0.00, 0.01, 0.02, 0.57
HSL	30°, 1%, 42%
HSV	30°, 2%, 43%
XYZ	14.3231, 15.0379, 16.0576
YIQ	108.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

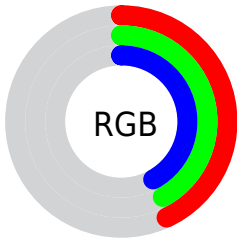
Format	Color
R_{YB}	109, 109, 107
Decimal	7171179
CIE _{Lab}	45.69, 0.19, 0.69
CIE _{LCh}	46, 0.714, 74.886
Yxy	15.0379, 0.3154, 0.3311
Android (android.graphics.Color)	4285361259 (0xFF6D6C6B)
YUV	108.1850, -0.5842, 0.7148
Hunter-Lab	38.7787, -1.9330, 2.5942

Details

The XYZ color **14.3231, 15.0379, 16.0576** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.1863, 14.9548, 16.6071**, and the grayscale version is **14.3076, 15.0527, 16.3924**.

A 20% lighter version of the original color is **33.0669, 34.7385, 37.3101**, and **4.4710, 4.6879, 4.9442** is the 20% darker color. If you saturate the color by 10%, you get **13.2298, 13.7117, 13.0400**, and if you desaturate by 10%, it is **15.5254, 16.4659, 19.4686**.

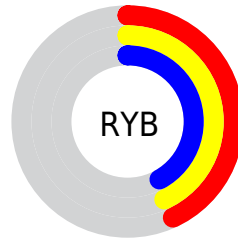
Distribution



Red (43%)

Green (42%)

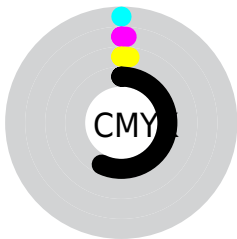
Blue (42%)



Red (43%)

Yellow (43%)

Blue (42%)

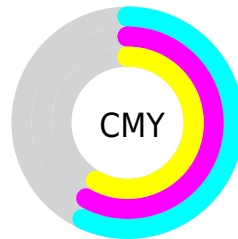


Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (57%)



Cyan (57%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3231, 15.0379, 16.0576 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 14.3231, 15.0379, 16.0576 by changing the saturation by 10% instead.

■ 14.3231, 15.0379,
16.0576

■ 14.3231, 15.0379,
16.0576

212.7023,
223.5955, 241.5387

■ 8.4289, 8.8460,
9.4101

■ 33.2427, 34.9197,
37.4664

■ 4.4247, 4.6409,
4.9092

■ 46.9989, 49.3783,
53.0647

■ 1.9451, 2.0381,
2.1363

■ 64.1064, 67.3613,
72.4838

■ 0.6028, 0.6295,
0.6372

■ 84.9307, 89.2530,
96.1421

■ 0.0000, 0.0000,
0.0000

109.8371,
115.4379, 124.4582

139.1909,

146.3004, 157.8506

173.3575,
182.2248, 196.7379

■ 14.3231, 15.0379,
16.0576

■ 14.3231, 15.0379,
16.0576

■ 13.2298, 13.7117,
13.0400

■ 15.5254, 16.4659,
19.4686

■ 12.2408, 12.4830,
10.4005

■ 16.8386, 17.9961,
23.2857

■ 11.3531, 11.3499,
8.1242

■ 18.2660, 19.6312,
27.5220

■ 10.5629, 10.3100,
6.1948

■ 19.8107, 21.3734,
32.1899

■ 9.8663, 9.3604,
4.5949

■ 21.4754, 23.2248,
37.3014

■ 9.2589, 8.4983,
3.3055

■ 23.2628, 25.1874,
42.8676

■ 8.7361, 7.7205,
2.3055

■ 25.1756, 27.2630,
48.8998

■ 8.2927, 7.0238,
1.5712

■ 27.2161, 29.4536,
55.4083

■ 7.9224, 6.4044,
1.0742

■ 29.3870, 31.7610,
62.4035

Harmonies

Analogous

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



14.3748, 15.0379, 16.1422



14.3231, 15.0379, 16.0576



14.2635, 15.0379, 16.0573

Triad

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



14.3231, 15.0379, 16.0576



14.1821, 15.0379, 16.4585



14.3744, 15.0379, 16.6083

Complementary

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



14.3231, 15.0379, 16.0576



14.1863, 14.9548, 16.6071

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.



14.3227, 15.0379, 16.6943



14.3231, 15.0379, 16.0576



14.2117, 15.0379, 16.6074

Square

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



14.3231, 15.0379, 16.0576



14.1823, 15.0379, 16.2879



14.2631, 15.0379, 16.6940



14.4045, 15.0379, 16.4598

Rectangle

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



14.3231, 15.0379, 16.0576



14.2274, 15.0379, 16.1049



14.2631, 15.0379, 16.6940



14.3590, 15.0379, 16.6456

Sweetspot

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



14.3235, 15.0385, 16.0579



25.8146, 27.1280, 29.2203



14.2714, 14.8495, 16.3016



6.0113, 6.3177, 6.8112



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.



14.3235, 15.0385, 16.0579



25.6029, 26.8741, 28.6271



14.4294, 15.2503, 16.0932



3.4018, 3.5718, 3.8158



8.9288, 6.9074, 0.8627



44.6270, 33.4576, 4.1059

Inverse Universe

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



14.1863, 14.9548, 16.6071



25.3279, 26.7065, 29.7272



14.0816, 14.7455, 16.5722



3.3700, 3.5524, 3.9429



4.7683, 4.3709, 17.5146



23.4280, 20.5345, 88.9550

Previews

White Background



This preview shows how the XYZ color 14.3231, 15.0379, 16.0576 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 14.3231, 15.0379, 16.0576 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

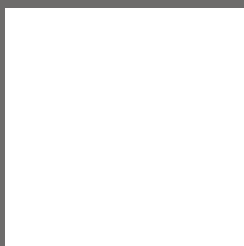
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.3231, 15.0379, 16.0576

Background



This preview shows how black text looks on a background with the XYZ color 14.3231, 15.0379, 16.0576.



This preview shows how white text looks on a background with the XYZ color 14.3231, 15.0379,

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

14.3231, 15.0379, 16.0576

Protanopia

14.4468, 15.1017, 16.0634

Deuteranopia

15.3661, 15.1078, 16.2936



Tritanopia

14.7826, 15.0682, 18.3490

Trichromacy

**Original Color**

14.3231, 15.0379, 16.0576

Protanomaly

14.4468, 15.1017, 16.0634

Deuteranomaly

14.9310, 15.0356, 16.3026

Tritanomaly

14.6127, 15.0002, 17.4544

Monochromacy

**Original Color**

14.3231, 15.0379, 16.0576

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2537, 14.9960, 16.3306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3231, 15.0379, 16.0576 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, 108, 107)` looks like.

```
.text, #text, p{  
    color:rgb(109, 108, 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, 108, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 108, 107) }
```

Border

The CSS property to change the border of an element to XYZ 14.3231, 15.0379, 16.0576 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, 108, 107) }
```


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

```
.border{ border-color:rgb(109, 108, 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, 108, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 108, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 108, 107);  
box-shadow:4px 4px 4px 4px rgb(109, 108,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3231, 15.0379, 16.0576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 108, 107) }
```

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

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