

Converting Colors

XYZ(14.9580, 16.0103, 15.5645)

Have a look what the booklet for
XYZ(14.9580, 16.0103, 15.5645)
contains.

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Color

**XYZ(15.0261, 16.0530,
15.6712)**

Conversions

Conversions Part 1

Format	Color
Hex	707069
RGB	112, 112, 105
RGB Percent	44%, 44%, 41%
CMY	0.5608, 0.5608, 0.5882
CMYK	0.00, 0.00, 0.06, 0.56
HSL	60°, 3%, 43%
HSV	60°, 6%, 44%
XYZ	15.0261, 16.0530, 15.6712
YIQ	111.2020, 2.2470, -2.1770

Conversions

Conversions Part 2

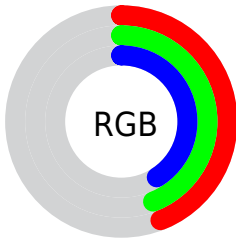
Format	Color
R_{YB}	105, 112, 105
Decimal	7368809
CIE Lab	47.04, -1.38, 3.88
CIE LCh	47, 4.123, 109.599
Yxy	16.0530, 0.3214, 0.3434
Android (android.graphics.Color)	4285558889 (0xFF707069)
YUV	111.2020, -3.0576, 0.6998
Hunter-Lab	40.0662, -3.1727, 4.8561

Details

The XYZ color **15.0261, 16.0530, 15.6712** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.8025, 14.2767, 17.3582**, and the grayscale version is **15.1766, 15.9670, 17.3880**.

A 20% lighter version of the original color is **34.5861, 36.8437, 36.7412**, and **4.7115, 5.0623, 4.7318** is the 20% darker color. If you saturate the color by 10%, you get **14.4878, 15.8382, 12.8363**, and if you desaturate by 10%, it is **15.6412, 16.2996, 18.9062**.

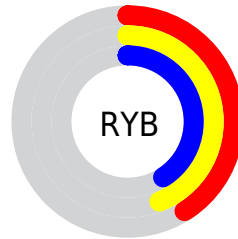
Distribution



Red (44%)

Green (44%)

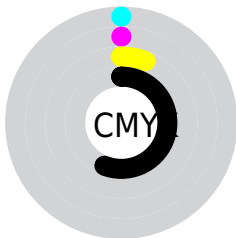
Blue (41%)



Red (41%)

Yellow (44%)

Blue (41%)

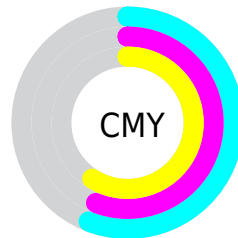


Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0261, 16.0530, 15.6712 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 15.0261, 16.0530, 15.6712 by changing the saturation by 10% instead.

■ 15.0261, 16.0530,
15.6712

■ 15.0261, 16.0530,
15.6712

216.9094,
229.6543, 239.1727

■ 8.9241, 9.5617,
9.1400

■ 34.4702, 36.6902,
36.7853

■ 4.7484, 5.1093,
4.7345

■ 48.5431, 51.6048,
52.2052

■ 2.1337, 2.3115,
2.0364

■ 66.0037, 70.0960,
71.4250

■ 0.7074, 0.7798,
0.5775

■ 87.2173, 92.5482,
94.8634

■ 0.0000, 0.0000,
0.0000

112.5494,
119.3457, 122.9388

142.3651,

150.8730, 156.0698

177.0300,
187.5143, 194.6749

■ 15.0261, 16.0530,
15.6712

■ 15.0261, 16.0530,
15.6712

■ 14.4878, 15.8382,
12.8363

■ 15.6412, 16.2996,
18.9062

■ 14.0219, 15.6518,
10.3850

■ 16.3344, 16.5769,
22.5549

■ 13.6259, 15.4933,
8.3011

■ 17.1089, 16.8868,
26.6316

■ 13.2962, 15.3614,
6.5670

■ 17.9672, 17.2301,
31.1494

■ 13.0293, 15.2546,
5.1634

■ 18.9117, 17.6080,
36.1212

■ 12.8212, 15.1713,
4.0694

■ 19.9447, 18.0212,
41.5591

■ 12.6674, 15.1098,
3.2616

■ 21.0684, 18.4707,
47.4747

■ 12.5630, 15.0679,
2.7132

■ 22.2850, 18.9574,
53.8794

■ 12.4965, 15.0413,
2.3652

■ 23.5966, 19.4821,
60.7841

Harmonies

Analogous

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



15.3836, 16.0530, 15.5946



15.0261, 16.0530, 15.6712



14.7351, 16.0530, 16.2211

Triad

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



15.0261, 16.0530, 15.6712



14.8121, 16.0530, 19.0380



15.9513, 16.0530, 17.8406

Complementary

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



15.0261, 16.0530, 15.6712



13.8025, 14.2767, 17.3582

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.



15.7930, 16.0530, 18.8002



15.0261, 16.0530, 15.6712



15.1328, 16.0530, 19.5094

Square

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



15.0261, 16.0530, 15.6712



14.6129, 16.0530, 18.1547



15.4921, 16.0530, 19.4207



15.9216, 16.0530, 16.8202

Rectangle

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



15.0261, 16.0530, 15.6712



14.6161, 16.0530, 16.7947



15.4921, 16.0530, 19.4207



15.9182, 16.0530, 18.1816

Sweetspot

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



15.0265, 16.0537, 15.6715



26.8335, 28.3758, 29.8287



14.2840, 14.5682, 15.4240



6.4507, 6.8188, 7.1879



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.



15.0265, 16.0537, 15.6715



26.2010, 28.1227, 26.5000



14.5899, 15.8286, 15.6511



3.6418, 3.9162, 3.6373



14.4193, 17.3771, 2.5941



71.8275, 86.5625, 12.9225

Inverse Universe

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



13.8025, 14.2767, 17.3582



23.4123, 24.0743, 30.3426



14.2220, 14.4930, 17.3779



3.2177, 3.3005, 4.2217



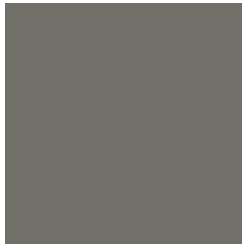
3.3814, 1.3526, 17.8045



16.8433, 6.7374, 88.6918

Previews

White Background



This preview shows how the XYZ color 15.0261, 16.0530, 15.6712 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 15.0261, 16.0530, 15.6712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

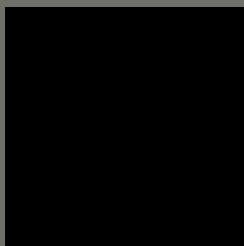
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

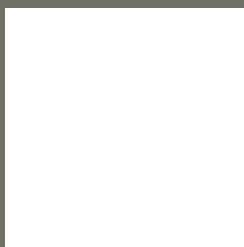
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0261, 16.0530, 15.6712

Background



This preview shows how black text looks on a background with the XYZ color 15.0261, 16.0530, 15.6712.



This preview shows how white text looks on a background with the XYZ color 15.0261, 16.0530,

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

15.0261, 16.0530, 15.6712

Protanopia

15.2534, 16.0132, 15.3836

Deuteranopia

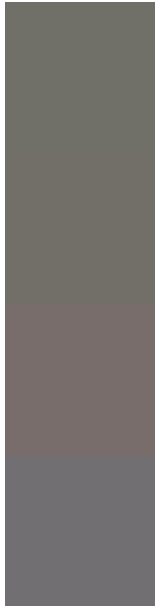
16.2763, 16.0508, 15.8759



Tritanopia

15.8451, 16.0612, 19.7178

Trichromacy



Original Color

15.0261, 16.0530, 15.6712

Protanomaly

15.1226, 15.9458, 15.3775

Deuteranomaly

15.8159, 15.9710, 15.8848

Tritanomaly

15.5318, 16.0945, 18.2075

Monochromacy



Original Color

15.0261, 16.0530, 15.6712

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.0003, 15.8525, 16.7372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0261, 16.0530, 15.6712 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(112, 112, 105)` looks like.

```
.text, #text, p{  
    color:rgb(112, 112, 105)  
}
```

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(112, 112, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 112, 105) }
```

Border

The CSS property to change the border of an element to XYZ 15.0261, 16.0530, 15.6712 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(112, 112, 105) }
```


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

```
.border{ border-color:rgb(112, 112, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 112, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 112, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 112, 105);  
box-shadow:4px 4px 4px 4px rgb(112, 112,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0261, 16.0530, 15.6712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 112, 105) }
```

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

```
.background{ background-color: rgb(112,  
112, 105) }
```

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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