

Converting Colors

XYZ(15.9955, 17.0449, 19.1390)

Have a look what the booklet for
XYZ(15.9955, 17.0449, 19.1390)
contains.

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Color

**XYZ(16.0237, 16.9906,
19.2646)**

Conversions

Conversions Part 1

Format	Color
Hex	707375
RGB	112, 115, 117
RGB Percent	44%, 45%, 46%
CMY	0.5608, 0.5490, 0.5412
CMYK	0.04, 0.02, 0.00, 0.54
HSL	204°, 2%, 45%
HSV	204°, 4%, 46%
XYZ	16.0237, 16.9906, 19.2646
YIQ	114.3310, -2.4300, -0.0140

Conversions

Conversions Part 2

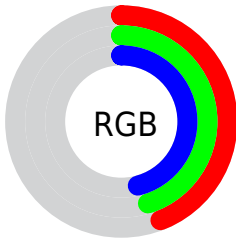
Format	Color
R_{YB}	112, 114, 117
Decimal	7369589
CIE Lab	48.25, -0.72, -1.51
CIE LCh	48, 1.668, 244.494
Yxy	16.9906, 0.3065, 0.3250
Android (android.graphics.Color)	4285559669 (0xFF707375)
YUV	114.3310, 1.3158, -2.0443
Hunter-Lab	41.2197, -2.7444, 1.1437

Details

The XYZ color **16.0237, 16.9906, 19.2646** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2780, 16.9861, 17.7501**, and the grayscale version is **16.0907, 16.9287, 18.4354**.

A 20% lighter version of the original color is **36.2900, 38.3945, 43.0343**, and **5.1957, 5.5340, 6.4245** is the 20% darker color. If you saturate the color by 10%, you get **14.1112, 15.2337, 19.0265**, and if you desaturate by 10%, it is **18.1577, 18.9027, 19.5215**.

Distribution



Red (44%)

Green (45%)

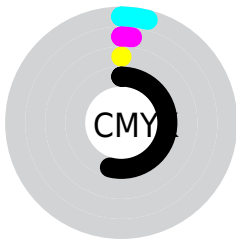
Blue (46%)



Red (44%)

Yellow (45%)

Blue (46%)

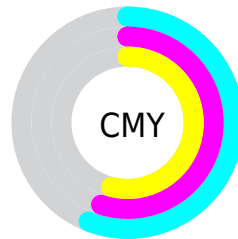


Cyan (4%)

Magenta (2%)

Yellow (0%)

Black (54%)



Cyan (56%)

Magenta (55%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0237, 16.9906, 19.2646 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 16.0237, 16.9906, 19.2646 by changing the saturation by 10% instead.

■ 16.0237, 16.9906,
19.2646

■ 16.0237, 16.9906,
19.2646

222.7492,
235.1182, 260.3769

■ 9.6319, 10.2278,
11.6829

■ 36.1965, 38.3096,
43.0234

■ 5.2160, 5.5503,
6.4082

■ 50.7081, 53.6346,
60.0375

■ 2.4106, 2.5736,
3.0221

■ 68.6571, 72.5824,
81.0329

■ 0.8504, 0.9134,
1.1059

■ 90.4087, 95.5375,
106.4280

■ 0.0000, 0.0000,
0.0000

116.3284,
122.8843, 136.6414

146.7815,

155.0070, 172.0917

182.1333,
192.2902, 213.1973

■ 16.0237, 16.9906,
19.2646

■ 16.0237, 16.9906,
19.2646

■ 14.1112, 15.2337,
19.0265

■ 18.1577, 18.9027,
19.5215

■ 12.4109, 13.6254,
18.8057

■ 20.5191, 20.9724,
19.7965

■ 10.9151, 12.1613,
18.6020

■ 23.1155, 23.2044,
20.0905

■ 9.6149, 10.8365,
18.4148

■ 25.9535, 25.6028,
20.4038

■ 8.5007, 9.6452,
18.2436

■ 29.0396, 28.1715,
20.7370

■ 7.5622, 8.5816,
18.0877

■ 32.3800, 30.9142,
21.0903

■ 6.7878, 7.6389,
17.9466

■ 35.9806, 33.8344,
21.4642

■ 6.1644, 6.8098,
17.8194

■ 39.8473, 36.9358,
21.8590

■ 5.6728, 6.0837,
17.7052

■ 43.9855, 40.2216,
22.2751

Harmonies

Analogous

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



15.9097, 16.9906, 18.9773



16.0237, 16.9906, 19.2646



16.1719, 16.9906, 19.3458

Triad

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



16.0237, 16.9906, 19.2646



16.4418, 16.9906, 18.4345



15.9843, 16.9906, 17.8195

Complementary

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



16.0237, 16.9906, 19.2646



16.2780, 16.9861, 17.7501

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.



16.1262, 16.9906, 17.6790



16.0237, 16.9906, 19.2646



16.3908, 16.9906, 18.0305

Square

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



16.0237, 16.9906, 19.2646



16.4139, 16.9906, 18.8622



16.2751, 16.9906, 17.7557



15.8871, 16.9906, 18.1423

Rectangle

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



16.0237, 16.9906, 19.2646



16.2704, 16.9906, 19.2710



16.2751, 16.9906, 17.7557



16.0284, 16.9906, 17.7496

Sweetspot

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



16.0242, 16.9913, 19.2650



29.8911, 31.5071, 34.6430



16.0761, 17.3806, 18.4024



6.8793, 7.2502, 7.9658



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.0242, 16.9913, 19.2650



28.3859, 30.1462, 34.4597



15.7519, 16.4468, 19.1742



3.8383, 4.0785, 4.6752



5.9530, 6.2457, 19.4343



28.1548, 28.7262, 94.4211

Inverse Universe

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



16.2252, 16.6083, 18.5711



28.8163, 29.3304, 32.9729



16.5545, 17.5391, 17.8423



3.9000, 3.9618, 4.4620



9.3019, 4.6545, 6.7981



44.8980, 22.5093, 30.8558

Previews

White Background



This preview shows how the XYZ color 16.0237, 16.9906, 19.2646 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 16.0237, 16.9906, 19.2646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

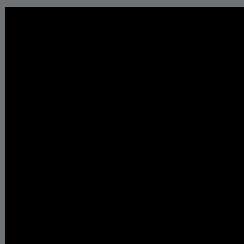
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

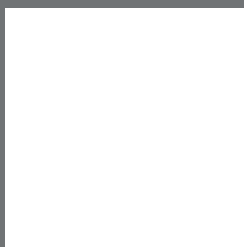
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0237, 16.9906, 19.2646

Background



This preview shows how black text looks on a background with the XYZ color 16.0237, 16.9906, 19.2646.



This preview shows how white text looks on a background with the XYZ color 16.0237, 16.9906,

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

16.0237, 16.9906, 19.2646

Protanopia

16.3722, 17.0086, 18.9431

Deuteranopia

17.2666, 16.9620, 19.5035



Tritanopia

16.4025, 16.9754, 21.1510

Trichromacy

**Original Color**

16.0237, 16.9906, 19.2646

Protanomaly

16.2399, 16.9404, 18.9369

Deuteranomaly

16.8099, 16.8894, 19.5135

Tritanomaly

16.2786, 16.9258, 20.4982

Monochromacy

**Original Color**

16.0237, 16.9906, 19.2646

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.9219, 16.7831, 18.6200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0237, 16.9906, 19.2646 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, 115, 117)` looks like.

```
.text, #text, p{  
    color:rgb(112, 115, 117)  
}
```

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, 115, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 115, 117) }
```

Border

The CSS property to change the border of an element to XYZ 16.0237, 16.9906, 19.2646 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, 115, 117) }
```


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

```
.border{ border-color:rgb(112, 115, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 115, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 115, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 115, 117);  
box-shadow:4px 4px 4px 4px rgb(112, 115,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0237, 16.9906, 19.2646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 115, 117) }
```

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

```
.background{ background-color: rgb(112,  
115, 117) }
```

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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