

Converting Colors

XYZ(16.5811, 16.4929, 24.7190)

Have a look what the booklet for
XYZ(16.5811, 16.4929, 24.7190)
contains.

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Color

**XYZ(16.6696, 16.5349,
24.8672)**

Conversions

Conversions Part 1

Format	Color
Hex	706F86
RGB	112, 111, 134
RGB Percent	44%, 44%, 53%
CMY	0.5608, 0.5647, 0.4745
CMYK	0.16, 0.17, 0.00, 0.47
HSL	243°, 9%, 48%
HSV	243°, 17%, 53%
XYZ	16.6696, 16.5349, 24.8672
YIQ	113.9210, -6.7870, 7.3650

Conversions

Conversions Part 2

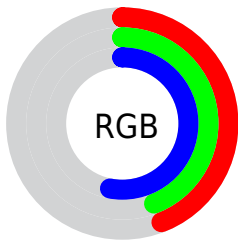
Format	Color
R_{YB}	112, 111, 134
Decimal	7368582
CIE Lab	47.67, 5.44, -12.48
CIE LCh	48, 13.613, 293.566
Yxy	16.5349, 0.2871, 0.2847
Android (android.graphics.Color)	4285558662 (0xFF706F86)
YUV	113.9210, 9.8989, -1.6847
Hunter-Lab	40.6631, 2.0145, -7.7941

Details

The XYZ color **16.6696, 16.5349, 24.8672** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.0679, 23.1849, 18.4045**, and the grayscale version is **15.9437, 16.7740, 18.2669**.

A 20% lighter version of the original color is **37.3767, 37.6748, 52.3157**, and **5.4921, 5.2851, 9.1182** is the 20% darker color. If you saturate the color by 10%, you get **13.7993, 13.0454, 24.3452**, and if you desaturate by 10%, it is **19.9925, 20.5842, 25.4739**.

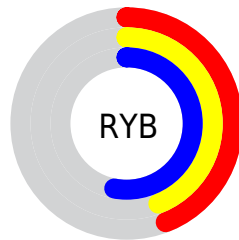
Distribution



Red (44%)

Green (44%)

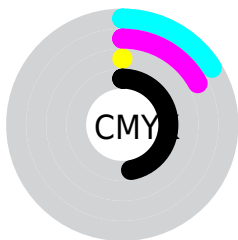
Blue (53%)



Red (44%)

Yellow (44%)

Blue (53%)

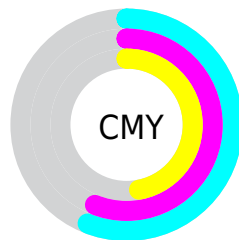


Cyan (16%)

Magenta (17%)

Yellow (0%)

Black (47%)



Cyan (56%)

Magenta (56%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6696, 16.5349, 24.8672 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 16.6696, 16.5349, 24.8672 by changing the saturation by 10% instead.

■ 16.6696, 16.5349,
24.8672

■ 16.6696, 16.5349,
24.8672

226.4547,
232.4777, 290.6024

■ 10.0930, 9.9034,
15.7600

■ 37.3050, 37.5244,
52.4031

■ 5.5234, 5.3350,
9.2020

■ 52.0945, 52.6512,
71.6690

■ 2.5954, 2.4451,
4.7746

■ 70.3524, 71.3785,
95.1582

■ 0.9436, 0.8490,
2.0592

■ 92.4440, 94.0908,
123.2892

■ 0.0000, 0.0000,
0.5913

118.7346,
121.1725, 156.4805

■ 0.0000, 0.0000,
0.0000

149.5897,

153.0080, 195.1509

185.3746,
189.9816, 239.7186

■ 16.6696, 16.5349,
24.8672

■ 16.6696, 16.5349,
24.8672

■ 13.7993, 13.0454,
24.3452

■ 19.9925, 20.5842,
25.4739

■ 11.3606, 10.0892,
23.9031

■ 23.7848, 25.2142,
26.1677

■ 9.3330, 7.6406,
23.5374

■ 28.0643, 30.4473,
26.9523

■ 7.6940, 5.6709,
23.2436

■ 32.8474, 36.3042,
27.8307

■ 6.4185, 4.1490,
23.0170

■ 38.1498, 42.8043,
28.8058

■ 5.4790, 3.0395,
22.8524

■ 43.9864, 49.9666,
29.8807

■ 4.8436, 2.3021,
22.7436

■ 50.3717, 57.8089,
31.0578

■ 4.4627, 1.8648,
22.6792

■ 57.3193, 66.3485,
32.3400

■ 4.3759, 1.7588,
22.6633

■ 64.8428, 75.6022,
33.7296

Harmonies

Analogous

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



15.4553, 16.5349, 25.5132



16.6696, 16.5349, 24.8672



17.6736, 16.5349, 22.2817

Triad

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



16.6696, 16.5349, 24.8672



17.1462, 16.5349, 13.1348



13.5046, 16.5349, 17.2635

Complementary

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



16.6696, 16.5349, 24.8672



21.0679, 23.1849, 18.4045

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.



13.9085, 16.5349, 14.3116



16.6696, 16.5349, 24.8672



15.9795, 16.5349, 12.1345

Square

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



16.6696, 16.5349, 24.8672



17.9585, 16.5349, 15.4565



14.7993, 16.5349, 12.5358



13.6683, 16.5349, 20.8164

Rectangle

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



16.6696, 16.5349, 24.8672



18.0675, 16.5349, 19.9659



14.7993, 16.5349, 12.5358



13.5778, 16.5349, 16.1745

Sweetspot

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



16.6701, 16.5356, 24.8676



36.5273, 37.8563, 45.1202



19.2786, 21.9402, 25.7733



8.1433, 8.4239, 10.1495



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



16.6701, 16.5356, 24.8676



27.1005, 26.3717, 43.4003



18.1947, 17.3215, 24.9389



4.4518, 4.5535, 5.8450



4.1033, 1.6495, 21.2388



0.0154, 0.0063, 0.0736

Inverse Universe

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



19.7502, 18.1314, 24.6500



33.6949, 29.7889, 42.9128



19.3832, 22.3164, 18.3257



4.8494, 4.7594, 5.8192



12.8774, 6.2153, 19.7245



0.0453, 0.0218, 0.0719

Previews

White Background



This preview shows how the XYZ color 16.6696, 16.5349, 24.8672 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 16.6696, 16.5349, 24.8672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

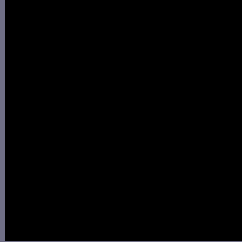
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.6696, 16.5349, 24.8672

Background



This preview shows how black text looks on a background with the XYZ color 16.6696, 16.5349, 24.8672.



This preview shows how white text looks on a background with the XYZ color 16.6696, 16.5349,

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

16.6696, 16.5349, 24.8672

Protanopia

16.3517, 16.5258, 25.2496

Deuteranopia

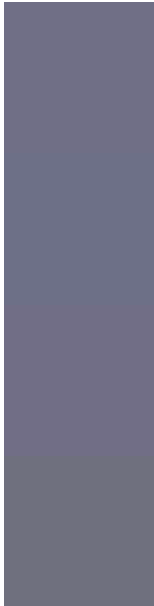
16.8184, 16.4505, 24.8431



Tritanopia

15.8484, 16.5304, 20.7677

Trichromacy



Original Color

16.6696, 16.5349, 24.8672

Protanomaly

16.4740, 16.5888, 25.2554

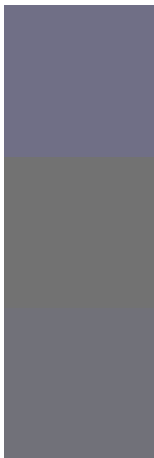
Deuteranomaly

16.6891, 16.3838, 24.8370

Tritanomaly

16.1156, 16.4742, 22.0691

Monochromacy



Original Color

16.6696, 16.5349, 24.8672

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.1664, 16.7014, 20.4608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6696, 16.5349, 24.8672 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, 111, 134)` looks like.

```
.text, #text, p{  
    color:rgb(112, 111, 134)  
}
```

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, 111, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 111, 134) }
```

Border

The CSS property to change the border of an element to XYZ 16.6696, 16.5349, 24.8672 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, 111, 134) }
```


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

```
.border{ border-color:rgb(112, 111, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 111, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 111, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 111, 134);  
box-shadow:4px 4px 4px 4px rgb(112, 111,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6696, 16.5349, 24.8672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 111, 134) }
```

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

```
.background{ background-color: rgb(112,  
111, 134) }
```

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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