

Converting Colors

XYZ(16.4897, 17.0561, 21.8084)

Have a look what the booklet for
XYZ(16.4897, 17.0561, 21.8084)
contains.

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Color

**XYZ(16.4011, 16.9600,
21.8112)**

Conversions

Conversions Part 1

Format	Color
Hex	70727D
RGB	112, 114, 125
RGB Percent	44%, 45%, 49%
CMY	0.5608, 0.5529, 0.5098
CMYK	0.10, 0.09, 0.00, 0.51
HSL	231°, 5%, 46%
HSV	231°, 10%, 49%
XYZ	16.4011, 16.9600, 21.8112
YIQ	114.6560, -4.7230, 2.9970

Conversions

Conversions Part 2

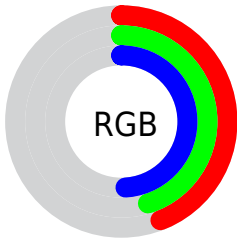
Format	Color
R_{YB}	112, 114, 125
Decimal	7369341
CIE _{Lab}	48.21, 1.60, -6.32
CIE _{LCh}	48, 6.516, 284.211
Yxy	16.9600, 0.2973, 0.3074
Android (android.graphics.Color)	4285559421 (0xFF70727D)
YUV	114.6560, 5.0996, -2.3293
Hunter-Lab	41.1825, -0.9811, -2.5736

Details

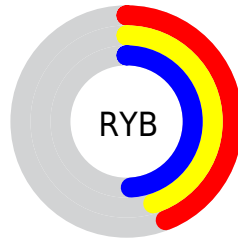
The XYZ color **16.4011, 16.9600, 21.8112** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.4652, 19.6958, 18.1581**, and the grayscale version is **16.1781, 17.0206, 18.5355**.

A 20% lighter version of the original color is **36.9819, 38.3793, 47.5783**, and **5.3671, 5.5082, 7.6178** is the 20% darker color. If you saturate the color by 10%, you get **13.7950, 13.9472, 21.3673**, and if you desaturate by 10%, it is **19.3670, 20.3640, 22.3122**.

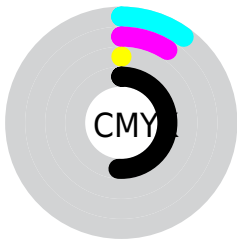
Distribution



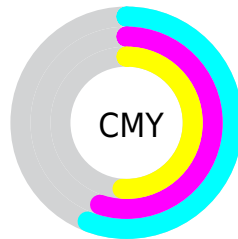
- Red (44%)
- Green (45%)
- Blue (49%)



- Red (44%)
- Yellow (45%)
- Blue (49%)



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)
- Black (51%)



- Cyan (56%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4011, 16.9600, 21.8112 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 16.4011, 16.9600, 21.8112 by changing the saturation by 10% instead.

■ 16.4011, 16.9600,
21.8112

■ 16.4011, 16.9600,
21.8112

224.9212,
234.9418, 274.4800

■ 9.9011, 10.2060,
13.5212

■ 36.8450, 38.2570,
47.3319

■ 5.3952, 5.5357,
7.6535

■ 51.5196, 53.5687,
65.3998

■ 2.5181, 2.5649,
3.7895

■ 69.6497, 72.5019,
87.5640

■ 0.9044, 0.9091,
1.5106

■ 91.6007, 95.4407,
114.2432

■ 0.0000, 0.0000,
0.2258

117.7381,
122.7698, 145.8559

■ 0.0000, 0.0000,
0.0000

148.4270,

154.8734, 182.8205

184.0329,
192.1359, 225.5557

■ 16.4011, 16.9600,
21.8112

■ 16.4011, 16.9600,
21.8112

■ 13.7950, 13.9472,
21.3673

■ 19.3670, 20.3640,
22.3122

■ 11.5336, 11.3094,
20.9773

■ 22.7041, 24.1703,
22.8710

■ 9.6025, 9.0326,
20.6396

■ 26.4253, 28.3924,
23.4898

■ 7.9863, 7.1007,
20.3519

■ 30.5424, 33.0423,
24.1703

■ 6.6679, 5.4967,
20.1118

■ 35.0666, 38.1316,
24.9142

■ 5.6288, 4.2022,
19.9167

■ 40.0086, 43.6716,
25.7231

■ 4.8482, 3.1966,
19.7638

■ 45.3790, 49.6729,
26.5984

■ 4.3024, 2.4570,
19.6498

■ 51.1877, 56.1461,
27.5417

■ 3.9387, 1.9546,
19.5720

■ 57.4445, 63.1011,
28.5544

Harmonies

Analogous

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



15.8122, 16.9600, 21.7853



16.4011, 16.9600, 21.8112



16.9270, 16.9600, 20.9037

Triad

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



16.4011, 16.9600, 21.8112



16.9499, 16.9600, 16.2849



15.0490, 16.9600, 17.5935

Complementary

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



16.4011, 16.9600, 21.8112



18.4652, 19.6958, 18.1581

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.



15.3390, 16.9600, 16.2266



16.4011, 16.9600, 21.8112



16.4317, 16.9600, 15.5033

Square

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



16.4011, 16.9600, 21.8112



17.2490, 16.9600, 17.6776



15.8421, 16.9600, 15.4826



15.0413, 16.9600, 19.2787

Rectangle

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



16.4011, 16.9600, 21.8112



17.1670, 16.9600, 19.9217



15.8421, 16.9600, 15.4826



15.1164, 16.9600, 17.0840

Sweetspot

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



16.4016, 16.9607, 21.8116



33.1973, 34.7676, 39.7055



17.5808, 19.5382, 21.5292



7.4616, 7.8057, 9.0165



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



16.4016, 16.9607, 21.8116



28.4398, 29.2990, 38.9007



16.7431, 16.8054, 21.7636



4.1582, 4.3104, 5.4261



4.1070, 2.0326, 20.4258



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.2893, 17.1637, 18.3220



30.2979, 29.7330, 31.5941



18.0971, 19.8783, 18.2128



4.3527, 4.3542, 4.6617



8.9500, 4.5997, 1.0606



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.4011, 16.9600, 21.8112 looks on a white background.

Color Contrast Check

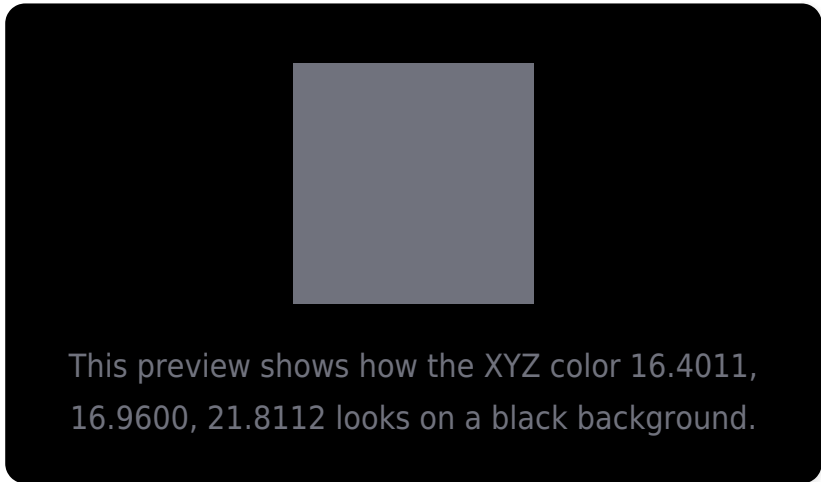
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

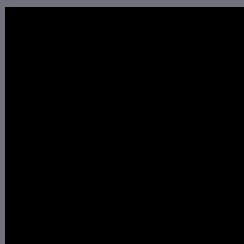
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

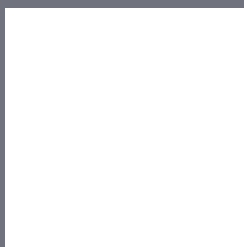
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.4011, 16.9600, 21.8112

Background



This preview shows how black text looks on a background with the XYZ color 16.4011, 16.9600, 21.8112.



This preview shows how white text looks on a background with the XYZ color 16.4011, 16.9600,

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

16.4011, 16.9600, 21.8112

Protanopia

16.5290, 17.0260, 21.8172

Deuteranopia

17.1961, 16.8683, 22.0882



Tritanopia

16.2746, 16.9094, 21.1450

Trichromacy



Original Color

16.4011, 16.9600, 21.8112

Protanomaly

16.5290, 17.0260, 21.8172

Deuteranomaly

16.8962, 16.8766, 22.1056

Tritanomaly

16.3375, 16.9346, 21.4764

Monochromacy



Original Color

16.4011, 16.9600, 21.8112

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.3999, 17.1708, 19.9027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4011, 16.9600, 21.8112 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, 114, 125)` looks like.

```
.text, #text, p{  
    color:rgb(112, 114, 125)  
}
```

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, 114, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 114, 125) }
```

Border

The CSS property to change the border of an element to XYZ 16.4011, 16.9600, 21.8112 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, 114, 125) }
```


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

```
.border{ border-color:rgb(112, 114, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 114, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 114, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 114, 125);  
box-shadow:4px 4px 4px 4px rgb(112, 114,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4011, 16.9600, 21.8112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 114, 125) }
```

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

```
.background{ background-color: rgb(112,  
114, 125) }
```

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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