

Converting Colors

XYZ(15.6056, 16.3529, 21.6627)

Have a look what the booklet for
XYZ(15.6056, 16.3529, 21.6627)
contains.

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Color

**XYZ(15.6702, 16.4167,
21.7449)**

Conversions

Conversions Part 1

Format	Color
Hex	6B717D
RGB	107, 113, 125
RGB Percent	42%, 44%, 49%
CMY	0.5804, 0.5569, 0.5098
CMYK	0.14, 0.10, 0.00, 0.51
HSL	220°, 8%, 45%
HSV	220°, 14%, 49%
XYZ	15.6702, 16.4167, 21.7449
YIQ	112.5740, -7.4280, 2.4600

Conversions

Conversions Part 2

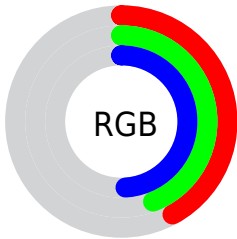
Format	Color
R_{YB}	107, 112, 125
Decimal	7041405
CIE Lab	47.52, 0.39, -7.39
CIE LCh	48, 7.403, 273.013
Yxy	16.4167, 0.2911, 0.3050
Android (android.graphics.Color)	4285231485 (0xFF6B717D)
YUV	112.5740, 6.1260, -4.8884
Hunter-Lab	40.5175, -1.8706, -3.4574

Details

The XYZ color **15.6702, 16.4167, 21.7449** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.7083, 18.6152, 16.5700**, and the grayscale version is **15.5544, 16.3645, 17.8209**.

A 20% lighter version of the original color is **35.5916, 37.3937, 47.4613**, and **5.0583, 5.2631, 7.5867** is the 20% darker color. If you saturate the color by 10%, you get **13.3874, 13.9230, 21.3841**, and if you desaturate by 10%, it is **18.2566, 19.1945, 22.1450**.

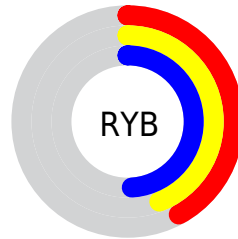
Distribution



Red (42%)

Green (44%)

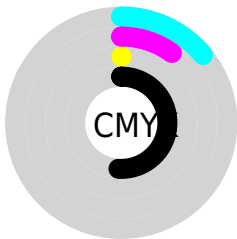
Blue (49%)



Red (42%)

Yellow (44%)

Blue (49%)

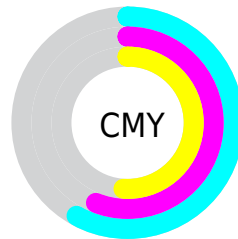


Cyan (14%)

Magenta (10%)

Yellow (0%)

Black (51%)



Cyan (58%)

Magenta (56%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6702, 16.4167, 21.7449 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 15.6702, 16.4167, 21.7449 by changing the saturation by 10% instead.

■ 15.6702, 16.4167,
21.7449

■ 15.6702, 16.4167,
21.7449

220.6966,
231.7882, 274.1211

■ 9.3804, 9.8195,
13.4731

■ 35.5868, 37.3201,
47.2208

■ 5.0492, 5.2794,
7.6206

■ 49.9443, 52.3951,
65.2619

■ 2.3112, 2.4121,
3.7689

■ 67.7219, 71.0649,
87.3965

■ 0.8004, 0.8321,
1.4994

■ 89.2847, 93.7137,
114.0432

■ 0.0000, 0.0000,
0.2175

114.9983,
120.7261, 145.6204

■ 0.0000, 0.0000,
0.0000

145.2278,

152.4863, 182.5468

180.3388,
189.3789, 225.2408

■ 15.6702, 16.4167,
21.7449

■ 15.6702, 16.4167,
21.7449

■ 13.3874, 13.9230,
21.3841

■ 18.2566, 19.1945,
22.1450

■ 11.3952, 11.7021,
21.0605

■ 21.1561, 22.2633,
22.5845

■ 9.6818, 9.7446,
20.7729

■ 24.3796, 25.6321,
23.0649

■ 8.2339, 8.0401,
20.5202

■ 27.9368, 29.3093,
23.5872

■ 7.0370, 6.5772,
20.3010

■ 31.8374, 33.3025,
24.1523

■ 6.0754, 5.3437,
20.1136

■ 36.0902, 37.6193,
24.7614

■ 5.3310, 4.3259,
19.9563

■ 40.7041, 42.2670,
25.4153

■ 4.7798, 3.5068,
19.8273

■ 45.6875, 47.2526,
26.1150

■ 4.5183, 3.1138,
19.7652

■ 51.0484, 52.5828,
26.8613

Harmonies

Analogous

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



15.0362, 16.4167, 21.3038



15.6702, 16.4167, 21.7449



16.3034, 16.4167, 21.0903

Triad

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



15.6702, 16.4167, 21.7449



16.6892, 16.4167, 15.9718



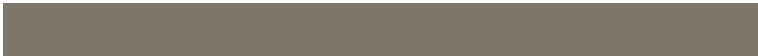
14.5026, 16.4167, 16.2799

Complementary

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



15.6702, 16.4167, 21.7449



17.7083, 18.6152, 16.5700

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.



14.9241, 16.4167, 15.0043



15.6702, 16.4167, 21.7449



16.1851, 16.4167, 14.8354

Square

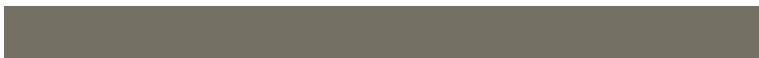
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15.6702, 16.4167, 21.7449



16.9020, 16.4167, 17.6852



15.5372, 16.4167, 14.4938



14.3734, 16.4167, 18.0662

Rectangle

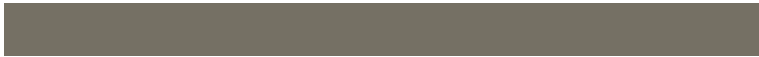
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15.6702, 16.4167, 21.7449



16.6366, 16.4167, 20.1459



15.5372, 16.4167, 14.4938



14.6142, 16.4167, 15.7815

Sweetspot

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



15.6707, 16.4174, 21.7453



32.8416, 34.5309, 39.6785



16.7091, 19.1181, 20.1683



7.3979, 7.7773, 9.0143



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.



15.6707, 16.4174, 21.7453



26.7746, 28.0014, 38.7380



15.3528, 15.2922, 21.5448



4.2169, 4.4279, 5.4457



4.7096, 3.2377, 20.6267



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.6962, 16.0680, 17.8450



28.9612, 27.2984, 30.4121



18.0564, 19.8886, 16.7975



4.3823, 4.3661, 4.8178



9.2542, 4.7214, 2.6622



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.6702, 16.4167, 21.7449 looks on a white background.

Color Contrast Check

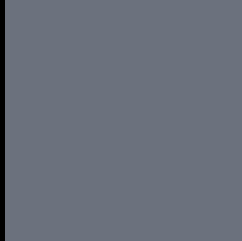
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.6702, 16.4167, 21.7449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

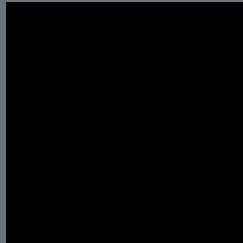
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

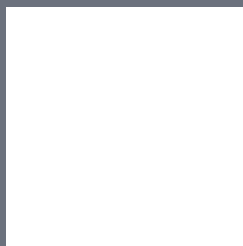
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.6702, 16.4167, 21.7449

Background



This preview shows how black text looks on a background with the XYZ color 15.6702, 16.4167, 21.7449.



This preview shows how white text looks on a background with the XYZ color 15.6702, 16.4167,

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

15.6702, 16.4167, 21.7449

Protanopia

15.9878, 16.4231, 21.3961

Deuteranopia

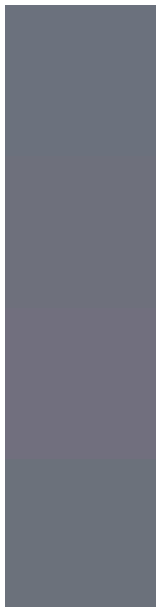
16.6779, 16.4401, 22.0329



Tritanopia

15.4814, 16.3412, 20.7506

Trichromacy



Original Color

15.6702, 16.4167, 21.7449

Protanomaly

15.8627, 16.3586, 21.3903

Deuteranomaly

16.2604, 16.3859, 22.0445

Tritanomaly

15.5437, 16.3661, 21.0786

Monochromacy



Original Color

15.6702, 16.4167, 21.7449

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.6716, 16.4741, 19.1835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6702, 16.4167, 21.7449 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(107, 113, 125)` looks like.

```
.text, #text, p{  
    color:rgb(107, 113, 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(107, 113, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 113, 125) }
```

Border

The CSS property to change the border of an element to XYZ 15.6702, 16.4167, 21.7449 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(107, 113, 125) }
```


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

```
.border{ border-color:rgb(107, 113, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 113, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 113, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 113, 125);  
box-shadow:4px 4px 4px 4px rgb(107, 113,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6702, 16.4167, 21.7449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 113, 125) }
```

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

```
.background{ background-color: rgb(107,  
113, 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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