

Converting Colors

XYZ(16.6647, 17.4062, 21.8667)

Have a look what the booklet for
XYZ(16.6647, 17.4062, 21.8667)
contains.

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Color

**XYZ(16.6292, 17.4162,
21.8872)**

Conversions

Conversions Part 1

Format	Color
Hex	70747D
RGB	112, 116, 125
RGB Percent	44%, 45%, 49%
CMY	0.5608, 0.5451, 0.5098
CMYK	0.10, 0.07, 0.00, 0.51
HSL	222°, 5%, 46%
HSV	222°, 10%, 49%
XYZ	16.6292, 17.4162, 21.8872
YIQ	115.8300, -5.2730, 1.9510

Conversions

Conversions Part 2

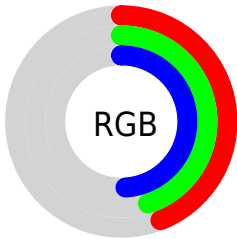
Format	Color
R_{YB}	112, 115, 125
Decimal	7369853
CIE Lab	48.78, 0.42, -5.47
CIE LCh	49, 5.485, 274.440
Yxy	17.4162, 0.2973, 0.3114
Android (android.graphics.Color)	4285559933 (0xFF70747D)
YUV	115.8300, 4.5208, -3.3589
Hunter-Lab	41.7327, -1.9055, -1.8824

Details

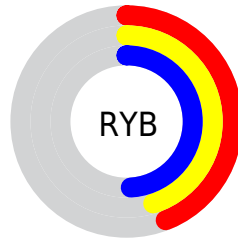
The XYZ color **16.6292, 17.4162, 21.8872** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.2196, 19.2046, 18.0763**, and the grayscale version is **16.5366, 17.3978, 18.9462**.

A 20% lighter version of the original color is **37.3484, 39.1121, 47.7004**, and **5.4860, 5.7460, 7.6574** is the 20% darker color. If you saturate the color by 10%, you get **14.1965, 14.7502, 21.5011**, and if you desaturate by 10%, it is **19.3766, 20.3834, 22.3154**.

Distribution



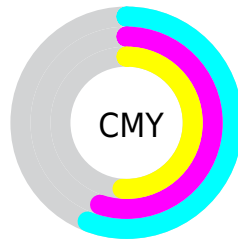
- Red (44%)
- Green (45%)
- Blue (49%)



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



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (51%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6292, 17.4162, 21.8872 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 16.6292, 17.4162, 21.8872 by changing the saturation by 10% instead.

■ 16.6292, 17.4162,
21.8872

■ 16.6292, 17.4162,
21.8872

226.2246,
237.5595, 274.8909

■ 10.0641, 10.5317,
13.5765

■ 37.2358, 39.0400,
47.4593

■ 5.5041, 5.7529,
7.6913

■ 52.0081, 54.5481,
65.5578

■ 2.5837, 2.6954,
3.8132

■ 70.2468, 73.6994,
87.7559

■ 0.9377, 0.9749,
1.5234

■ 92.3173, 96.8785,
114.4723

■ 0.0000, 0.0000,
0.2353

118.5850,
124.4696, 146.1255

■ 0.0000, 0.0000,
0.0000

149.4152,

156.8572, 183.1339

185.1733,
194.4257, 225.9162

■ 16.6292, 17.4162,
21.8872

■ 16.6292, 17.4162,
21.8872

■ 14.1965, 14.7502,
21.5011

■ 19.3766, 20.3834,
22.3154

■ 12.0656, 12.3734,
21.1547

■ 22.4483, 23.6587,
22.7857

■ 10.2245, 10.2764,
20.8469

■ 25.8550, 27.2518,
23.2997

■ 8.6601, 8.4482,
20.5765

■ 29.6069, 31.1712,
23.8585

■ 7.3581, 6.8771,
20.3419

■ 33.7132, 35.4249,
24.4631

■ 6.3030, 5.5506,
20.1414

■ 38.1833, 40.0209,
25.1146

■ 5.4773, 4.4549,
19.9735

■ 43.0259, 44.9667,
25.8140

■ 4.8612, 3.5745,
19.8360

■ 48.2495, 50.2697,
26.5623

■ 4.4101, 2.8974,
19.7291

■ 53.8624, 55.9369,
27.3603

Harmonies

Analogous

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



16.1362, 17.4162, 21.5969



16.6292, 17.4162, 21.8872



17.1114, 17.4162, 21.3619

Triad

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



16.6292, 17.4162, 21.8872



17.3712, 17.4162, 17.4268



15.6891, 17.4162, 17.7833

Complementary

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



16.6292, 17.4162, 21.8872



18.2196, 19.2046, 18.0763

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.



16.0080, 17.4162, 16.7513



16.6292, 17.4162, 21.8872



16.9780, 17.4162, 16.5530

Square

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



16.6292, 17.4162, 21.8872



17.5453, 17.4162, 18.7478



16.4782, 17.4162, 16.3121



15.5999, 17.4162, 19.1804

Rectangle

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



16.6292, 17.4162, 21.8872



17.3599, 17.4162, 20.6348



16.4782, 17.4162, 16.3121



15.7726, 17.4162, 17.3845

Sweetspot

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



16.6297, 17.4169, 21.8876



33.3273, 35.0276, 39.7488



17.4601, 19.4899, 20.8937



7.4979, 7.8783, 9.0285



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.



16.6297, 17.4169, 21.8876



28.9130, 30.2455, 39.0584



16.4857, 16.6727, 21.7515



4.2085, 4.4109, 5.4429



4.5970, 3.0125, 20.5891



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.4044, 17.2097, 18.9283



30.5368, 29.8286, 32.8520



18.3722, 20.0201, 18.2257



4.3781, 4.3644, 4.7953



9.1973, 4.6986, 2.3629



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.6292, 17.4162, 21.8872 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 16.6292, 17.4162, 21.8872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

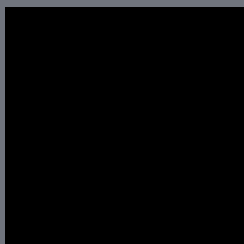
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

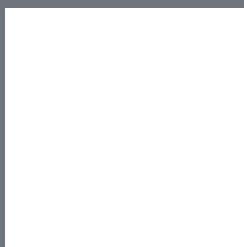
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.6292, 17.4162, 21.8872

Background



This preview shows how black text looks on a background with the XYZ color 16.6292, 17.4162, 21.8872.



This preview shows how white text looks on a background with the XYZ color 16.6292, 17.4162,

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

16.6292, 17.4162, 21.8872

Protanopia

16.8391, 17.3615, 21.5324

Deuteranopia

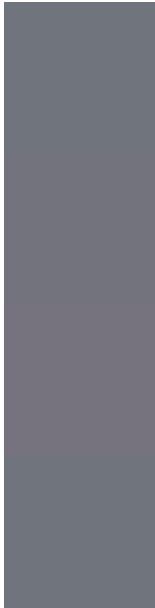
17.6971, 17.4542, 22.1749



Tritanopia

16.6292, 17.4162, 21.8872

Trichromacy



Original Color

16.6292, 17.4162, 21.8872

Protanomaly

16.7083, 17.2941, 21.5263

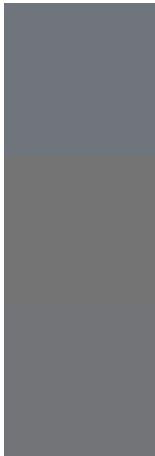
Deuteranomaly

17.2544, 17.3925, 22.1864

Tritanomaly

16.6292, 17.4162, 21.8872

Monochromacy



Original Color

16.6292, 17.4162, 21.8872

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.6454, 17.4675, 19.9470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6292, 17.4162, 21.8872 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, 116, 125) looks like.

```
.text, #text, p{  
    color:rgb(112, 116, 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, 116, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 116, 125) }
```

Border

The CSS property to change the border of an element to XYZ 16.6292, 17.4162, 21.8872 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, 116, 125) }
```


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

```
.border{ border-color:rgb(112, 116, 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, 116, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 116, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 116, 125);  
box-shadow:4px 4px 4px 4px rgb(112, 116,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6292, 17.4162, 21.8872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 116, 125) }
```

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

```
.background{ background-color: rgb(112,  
116, 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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