

Converting Colors

XYZ(16.0521, 16.6483, 21.7530)

Have a look what the booklet for
XYZ(16.0521, 16.6483, 21.7530)
contains.

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Color

**XYZ(16.0372, 16.6059,
21.7620)**

Conversions

Conversions Part 1

Format	Color
Hex	6E717D
RGB	110, 113, 125
RGB Percent	43%, 44%, 49%
CMY	0.5686, 0.5569, 0.5098
CMYK	0.12, 0.10, 0.00, 0.51
HSL	228°, 6%, 46%
HSV	228°, 12%, 49%
XYZ	16.0372, 16.6059, 21.7620
YIQ	113.4710, -5.6400, 3.0960

Conversions

Conversions Part 2

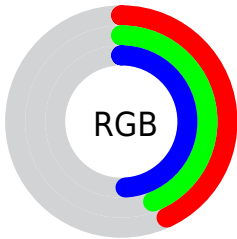
Format	Color
RYB	110, 113, 125
Decimal	7238013
CIELab	47.76, 1.47, -7.00
CIELCh	48, 7.156, 281.815
Yxy	16.6059, 0.2948, 0.3052
Android (android.graphics.Color)	4285428093 (0xFF6E717D)
YUV	113.4710, 5.6838, -3.0441
Hunter-Lab	40.7503, -1.0648, -3.1375

Details

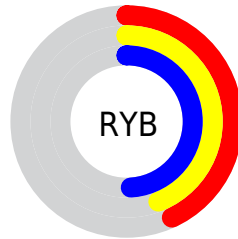
The XYZ color **16.0372, 16.6059, 21.7620** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.2315, 19.4047, 17.5368**, and the grayscale version is **15.8212, 16.6452, 18.1266**.

A 20% lighter version of the original color is **36.3913, 37.8060, 47.4987**, and **5.1814, 5.3265, 7.5925** is the 20% darker color. If you saturate the color by 10%, you get **13.5357, 13.7509, 21.3430**, and if you desaturate by 10%, it is **18.8821, 19.8212, 22.2329**.

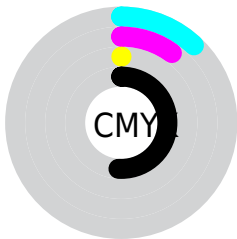
Distribution



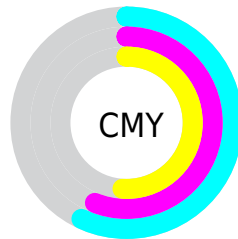
- Red (43%)
- Green (44%)
- Blue (49%)



- Red (43%)
- Yellow (44%)
- Blue (49%)



- Cyan (12%)
- Magenta (10%)
- Yellow (0%)
- Black (51%)



- Cyan (57%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0372, 16.6059, 21.7620 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 16.0372, 16.6059, 21.7620 by changing the saturation by 10% instead.

■ 16.0372, 16.6059,
21.7620

■ 16.0372, 16.6059,
21.7620

222.8272,
232.8909, 274.2137

■ 9.6415, 9.9539,
13.4855

■ 36.2197, 37.6469,
47.2495

■ 5.2223, 5.3684,
7.6291

■ 50.7372, 52.8048,
65.2975

■ 2.4144, 2.4650,
3.7742

■ 68.6927, 71.5666,
87.4397

■ 0.8523, 0.8590,
1.5023

■ 90.4515, 94.3170,
114.0948

■ 0.0000, 0.0000,
0.2196

116.3790,
121.4402, 145.6812

■ 0.0000, 0.0000,
0.0000

146.8406,

153.3207, 182.6174

182.2015,
190.3428, 225.3221

■ 16.0372, 16.6059,
21.7620

■ 16.0372, 16.6059,
21.7620

■ 13.5357, 13.7509,
21.3430

■ 18.8821, 19.8212,
22.2329

■ 11.3629, 11.2416,
20.9732

■ 22.0812, 23.4068,
22.7564

■ 9.5054, 9.0652,
20.6510

■ 25.6468, 27.3748,
23.3344

■ 7.9483, 7.2074,
20.3745

■ 29.5901, 31.7362,
23.9684

■ 6.6752, 5.6529,
20.1416

■ 33.9219, 36.5015,
24.6599

■ 5.6684, 4.3851,
19.9499

■ 38.6524, 41.6807,
25.4102

■ 4.9080, 3.3855,
19.7970

■ 43.7916, 47.2836,
26.2208

■ 4.3711, 2.6336,
19.6802

■ 49.3491, 53.3196,
27.0930

■ 4.0496, 2.1765,
19.6089

■ 55.3340, 59.7978,
28.0280

Harmonies

Analogous

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



15.4018, 16.6059, 21.6473



16.0372, 16.6059, 21.7620



16.6198, 16.6059, 20.8423

Triad

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



16.0372, 16.6059, 21.7620



16.7202, 16.6059, 15.8275



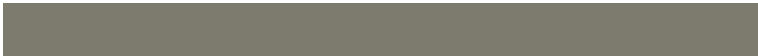
14.6408, 16.6059, 17.0013

Complementary

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



16.0372, 16.6059, 21.7620



18.2315, 19.4047, 17.5368

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.



14.9756, 16.6059, 15.5750



16.0372, 16.6059, 21.7620



16.1713, 16.6059, 14.9296

Square

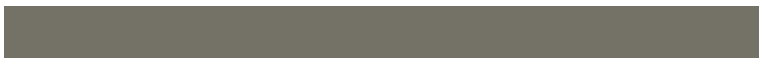
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16.0372, 16.6059, 21.7620



17.0212, 16.6059, 17.3676



15.5323, 16.6059, 14.8404



14.6071, 16.6059, 18.8137

Rectangle

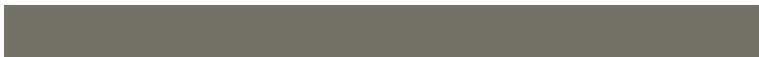
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16.0372, 16.6059, 21.7620



16.8953, 16.6059, 19.8005



15.5323, 16.6059, 14.8404



14.7214, 16.6059, 16.4640

Sweetspot

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



16.0377, 16.6066, 21.7624



32.6927, 34.2330, 39.6289



17.2617, 19.3814, 21.1627



7.3589, 7.6993, 9.0013



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.



16.0377, 16.6066, 21.7624



27.6172, 28.4851, 38.7870



16.2499, 16.2271, 21.6779



4.1732, 4.3404, 5.4311



4.2221, 2.2627, 20.4642



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.0144, 16.7045, 17.9511



29.6798, 28.7088, 30.7343



17.9985, 19.8402, 17.6331



4.3602, 4.3573, 4.7015



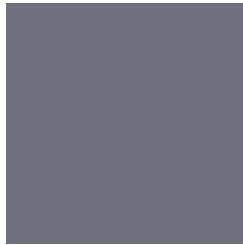
9.0081, 4.6229, 1.3665



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.0372, 16.6059, 21.7620 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 16.0372, 16.6059, 21.7620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

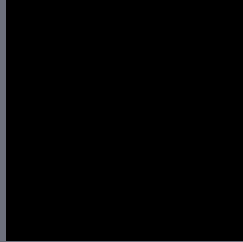
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

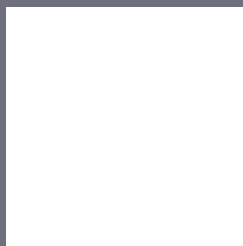
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0372, 16.6059, 21.7620

Background



This preview shows how black text looks on a background with the XYZ color 16.0372, 16.6059, 21.7620.

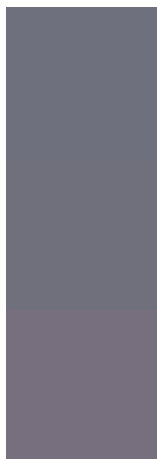


This preview shows how white text looks on a background with the XYZ color 16.0372, 16.6059,

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

16.0372, 16.6059, 21.7620

Protanopia

16.1779, 16.5138, 21.7368

Deuteranopia

16.9496, 16.5802, 22.0456



Tritanopia

15.8484, 16.5304, 20.7677

Trichromacy



Original Color

16.0372, 16.6059, 21.7620

Protanomaly

16.0514, 16.4485, 21.7309

Deuteranomaly

16.6528, 16.5882, 22.0628

Tritanomaly

15.9107, 16.5553, 21.0958

Monochromacy



Original Color

16.0372, 16.6059, 21.7620

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.7981, 16.5394, 19.1894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0372, 16.6059, 21.7620 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(110, 113, 125)` looks like.

```
.text, #text, p{  
    color:rgb(110, 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(110, 113, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 113, 125) }
```

Border

The CSS property to change the border of an element to XYZ 16.0372, 16.6059, 21.7620 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(110, 113, 125) }
```


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

```
.border{ border-color:rgb(110, 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(110, 113, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 113, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 113, 125);  
box-shadow:4px 4px 4px 4px rgb(110, 113,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0372, 16.6059, 21.7620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 113, 125) }
```

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

```
.background{ background-color: rgb(110,  
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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