

Converting Colors

XYZ(15.1945, 16.7280, 21.8193)

Have a look what the booklet for
XYZ(15.1945, 16.7280, 21.8193)
contains.

XYZ(15.2026, 16.6808, 21.8205)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.2026, 16.6808,
21.8205)**

Conversions

Conversions Part 1

Format	Color
Hex	64747D
RGB	100, 116, 125
RGB Percent	39%, 45%, 49%
CMY	0.6078, 0.5451, 0.5098
CMYK	0.20, 0.07, 0.00, 0.51
HSL	202°, 11%, 44%
HSV	202°, 20%, 49%
XYZ	15.2026, 16.6808, 21.8205
YIQ	112.2420, -12.4250, -0.5930

Conversions

Conversions Part 2

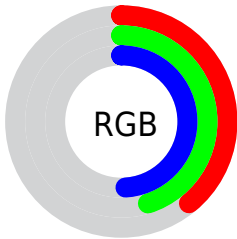
Format	Color
R_{YB}	100, 110, 125
Decimal	6583421
CIE _{Lab}	47.86, -3.83, -6.94
CIE _{LCh}	48, 7.928, 241.147
Yxy	16.6808, 0.2831, 0.3106
Android (android.graphics.Color)	4284773501 (0xFF64747D)
YUV	112.2420, 6.2897, -10.7362
Hunter-Lab	40.8421, -5.0310, -3.0870

Details

The XYZ color **15.2026, 16.6808, 21.8205** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2265, 16.2173, 14.3320**, and the grayscale version is **15.4573, 16.2623, 17.7096**.

A 20% lighter version of the original color is **34.8010, 37.7989, 47.5812**, and **4.8398, 5.4129, 7.6272** is the 20% darker color. If you saturate the color by 10%, you get **13.4187, 15.0102, 21.5923**, and if you desaturate by 10%, it is **17.2248, 18.5124, 22.0677**.

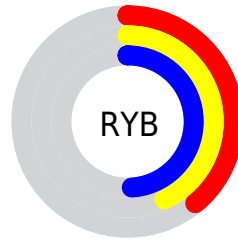
Distribution



Red (39%)

Green (45%)

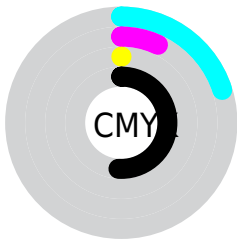
Blue (49%)



Red (39%)

Yellow (43%)

Blue (49%)

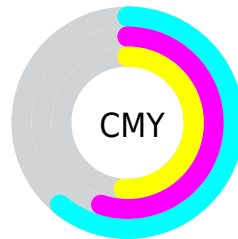


Cyan (20%)

Magenta (7%)

Yellow (0%)

Black (51%)



Cyan (61%)

Magenta (55%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2026, 16.6808, 21.8205 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 15.2026, 16.6808, 21.8205 by changing the saturation by 10% instead.

■ 15.2026, 16.6808,
21.8205

■ 15.2026, 16.6808,
21.8205

217.9534,
233.3261, 274.5303

■ 9.0489, 10.0072,
13.5280

■ 34.7770, 37.7761,
47.3475

■ 4.8305, 5.4037,
7.6581

■ 48.9284, 52.9666,
65.4191

■ 2.1819, 2.4860,
3.7924

■ 66.4764, 71.7649,
87.5875

■ 0.7332, 0.8696,
1.5121

■ 87.7864, 94.5553,
114.2713

■ 0.0000, 0.0000,
0.2269

113.2238,
121.7222, 145.8889

■ 0.0000, 0.0000,
0.0000

143.1538,

153.6501, 182.8589

177.9419,
190.7232, 225.5998

■ 15.2026, 16.6808,
21.8205

■ 15.2026, 16.6808,
21.8205

■ 13.4187, 15.0102,
21.5923

■ 17.2248, 18.5124,
22.0677

■ 11.8616, 13.4929,
21.3815

■ 19.4931, 20.5083,
22.3334

■ 10.5211, 12.1234,
21.1879

■ 22.0170, 22.6742,
22.6185

■ 9.3854, 10.8953,
21.0107

■ 24.8047, 25.0149,
22.9233

■ 8.4417, 9.8013,
20.8492

■ 27.8643, 27.5351,
23.2485

■ 7.6756, 8.8334,
20.7028

■ 31.2035, 30.2391,
23.5945

■ 7.0704, 7.9823,
20.5704

■ 34.8294, 33.1313,
23.9616

■ 6.5711, 7.2193,
20.4495

■ 38.7493, 36.2156,
24.3503

■ 6.5710, 7.2193,
20.4495

■ 42.9699, 39.4961,
24.7611

Harmonies

Analogous

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



14.7107, 16.6808, 20.2686



15.2026, 16.6808, 21.8205



15.8820, 16.6808, 22.3747

Triad

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



15.2026, 16.6808, 21.8205



17.2642, 16.6808, 18.0842



15.1565, 16.6808, 15.0072

Complementary

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



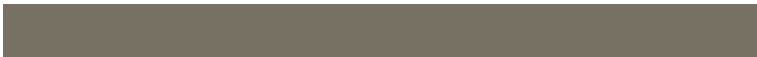
15.2026, 16.6808, 21.8205



16.2265, 16.2173, 14.3320

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.



15.8272, 16.6808, 14.5153



15.2026, 16.6808, 21.8205



17.0563, 16.6808, 16.2077

Square

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



15.2026, 16.6808, 21.8205



17.0851, 16.6808, 20.1226



16.5250, 16.6808, 14.9381



14.6846, 16.6808, 16.3341

Rectangle

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



15.2026, 16.6808, 21.8205



16.3540, 16.6808, 22.0734



16.5250, 16.6808, 14.9381



15.3655, 16.6808, 14.7433

Sweetspot

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



15.2031, 16.6815, 21.8209



32.3574, 34.4928, 39.6967



15.3363, 18.4756, 17.1557



7.3148, 7.8058, 9.0242



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.



15.2031, 16.6815, 21.8209



25.7092, 28.4662, 38.8839



13.8827, 14.0407, 21.3807



4.3203, 4.6346, 5.4801



6.8513, 7.5211, 21.3406



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.1674, 14.7356, 18.5160



27.7899, 24.4042, 31.7223



17.6258, 19.0160, 14.7984



4.4345, 4.3869, 5.0925



10.3352, 5.1538, 8.3548



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.2026, 16.6808, 21.8205 looks on a white background.

Color Contrast Check

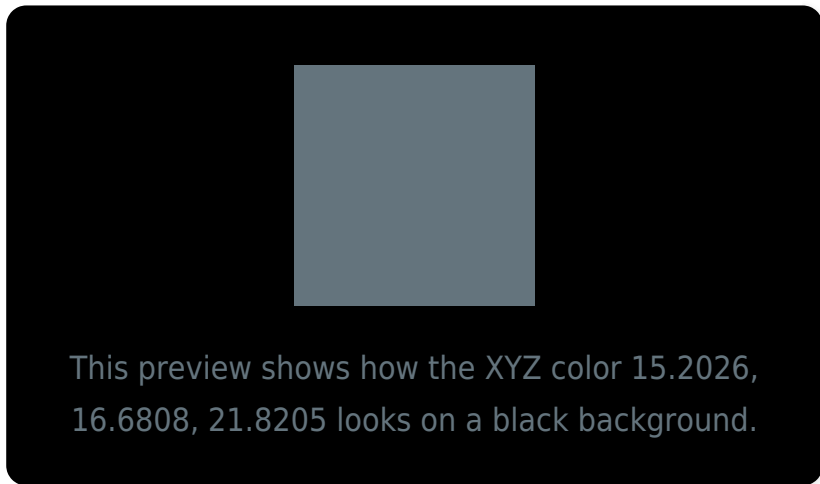
Large Text (above 18pt) WCAG AA ✓ Pass

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

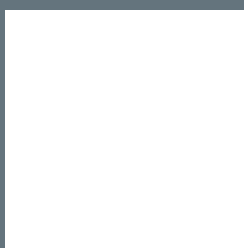
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2026, 16.6808, 21.8205

Background



This preview shows how black text looks on a background with the XYZ color 15.2026, 16.6808, 21.8205.



This preview shows how white text looks on a background with the XYZ color 15.2026, 16.6808,

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

15.2026, 16.6808, 21.8205

Protanopia

16.2903, 16.7510, 21.1136

Deuteranopia

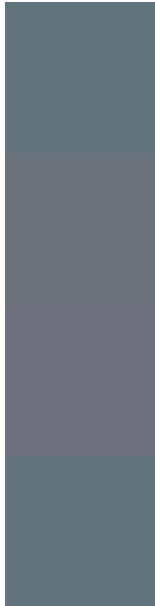
16.8130, 16.5098, 22.0392



Tritanopia

15.2026, 16.6808, 21.8205

Trichromacy



Original Color

15.2026, 16.6808, 21.8205

Protanomaly

15.8397, 16.6780, 21.4531

Deuteranomaly

16.1156, 16.4742, 22.0691

Tritanomaly

15.2026, 16.6808, 21.8205

Monochromacy



Original Color

15.2026, 16.6808, 21.8205

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.3004, 16.2828, 19.1661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2026, 16.6808, 21.8205 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(100, 116, 125)` looks like.

```
.text, #text, p{  
    color:rgb(100, 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(100, 116, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 116, 125) }
```

Border

The CSS property to change the border of an element to XYZ 15.2026, 16.6808, 21.8205 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(100, 116, 125) }
```


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

```
.border{ border-color:rgb(100, 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(100, 116, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 116, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 116, 125);  
box-shadow:4px 4px 4px 4px rgb(100, 116,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2026, 16.6808, 21.8205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 116, 125) }
```

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

```
.background{ background-color: rgb(100,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor