

Converting Colors

XYZ(15.8359, 17.1268, 22.0350)

Have a look what the booklet for
XYZ(15.8359, 17.1268, 22.0350)
contains.

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Color

**XYZ(15.8887, 17.2065,
21.8858)**

Conversions

Conversions Part 1

Format	Color
Hex	69757D
RGB	105, 117, 125
RGB Percent	41%, 46%, 49%
CMY	0.5882, 0.5412, 0.5098
CMYK	0.16, 0.06, 0.00, 0.51
HSL	204°, 9%, 45%
HSV	204°, 16%, 49%
XYZ	15.8887, 17.2065, 21.8858
YIQ	114.3240, -9.7200, -0.0560

Conversions

Conversions Part 2

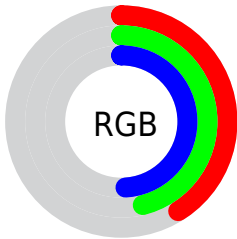
Format	Color
R_{YB}	105, 113, 125
Decimal	6911357
CIE Lab	48.52, -2.66, -5.92
CIE LCh	49, 6.488, 245.755
Yxy	17.2065, 0.2890, 0.3130
Android (android.graphics.Color)	4285101437 (0xFF69757D)
YUV	114.3240, 5.2633, -8.1771
Hunter-Lab	41.4807, -4.2189, -2.2457

Details

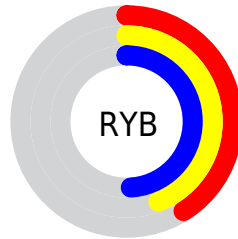
The XYZ color **15.8887, 17.2065, 21.8858** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.9126, 17.1903, 15.7917**, and the grayscale version is **16.0787, 16.9161, 18.4216**.

A 20% lighter version of the original color is **35.9341, 38.6582, 47.6873**, and **5.1776, 5.6776, 7.6605** is the 20% darker color. If you saturate the color by 10%, you get **13.9602, 15.3710, 21.6334**, and if you desaturate by 10%, it is **18.0652, 19.2169, 22.1594**.

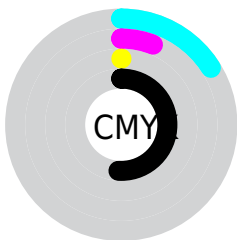
Distribution



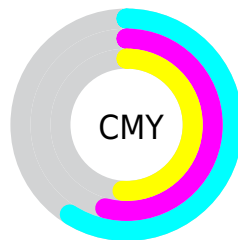
- Red (41%)
- Green (46%)
- Blue (49%)



- Red (41%)
- Yellow (44%)
- Blue (49%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (51%)



- Cyan (59%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8887, 17.2065, 21.8858 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 15.8887, 17.2065, 21.8858 by changing the saturation by 10% instead.

■ 15.8887, 17.2065,
21.8858

■ 15.8887, 17.2065,
21.8858

221.9674,
236.3596, 274.8833

■ 9.5358, 10.3818,
13.5755

■ 35.9639, 38.6805,
47.4569

■ 5.1522, 5.6529,
7.6907

■ 50.4169, 54.0986,
65.5549

■ 2.3725, 2.6352,
3.8127

■ 68.3006, 73.1499,
87.7524

■ 0.8314, 0.9444,
1.5232

■ 89.9803, 96.2190,
114.4681

■ 0.0000, 0.0000,
0.2351

115.8216,
123.6901, 146.1205

■ 0.0000, 0.0000,
0.0000

146.1896,

155.9476, 183.1282

181.4497,
193.3760, 225.9096

■ 15.8887, 17.2065,
21.8858

■ 15.8887, 17.2065,
21.8858

■ 13.9602, 15.3710,
21.6334

■ 18.0652, 19.2169,
22.1594

■ 12.2682, 13.7025,
21.4005

■ 20.4974, 21.4057,
22.4537

■ 10.8028, 12.1955,
21.1869

■ 23.1947, 23.7786,
22.7695

■ 9.5526, 10.8434,
20.9918

■ 26.1653, 26.3406,
23.1075

■ 8.5049, 9.6390,
20.8146

■ 29.4172, 29.0966,
23.4681

■ 7.6460, 8.5743,
20.6543

■ 32.9580, 32.0510,
23.8517

■ 6.9598, 7.6403,
20.5102

■ 36.7951, 35.2084,
24.2589

■ 6.4188, 6.8219,
20.3808

■ 40.9356, 38.5729,
24.6901

■ 6.2184, 6.5140,
20.3319

■ 45.3861, 42.1486,
25.1457

Harmonies

Analogous

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



15.4428, 17.2065, 20.7165



15.8887, 17.2065, 21.8858



16.4693, 17.2065, 22.1896

Triad

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



15.8887, 17.2065, 21.8858



17.5198, 17.2065, 18.4082



15.6945, 17.2065, 16.1985

Complementary

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



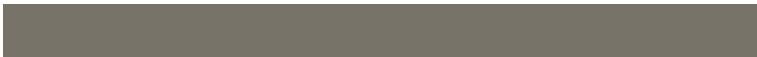
15.8887, 17.2065, 21.8858



16.9126, 17.1903, 15.7917

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.



16.2398, 17.2065, 15.6589



15.8887, 17.2065, 21.8858



17.3009, 17.2065, 16.8840

Square

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



15.8887, 17.2065, 21.8858



17.4203, 17.2065, 20.1136



16.8288, 17.2065, 15.9020



15.3326, 17.2065, 17.4207

Rectangle

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



15.8887, 17.2065, 21.8858



16.8567, 17.2065, 21.8454



16.8288, 17.2065, 15.9020



15.8619, 17.2065, 15.9348

Sweetspot

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



15.8892, 17.2072, 21.8862



32.7139, 34.7436, 39.7263



16.1216, 18.8556, 18.3148



7.3871, 7.8536, 9.0296



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.



15.8892, 17.2072, 21.8862



27.2088, 29.6411, 39.0316



14.8203, 15.0694, 21.5299



4.3066, 4.6072, 5.4756



6.4830, 6.7846, 21.2178



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.7204, 15.7480, 18.9888



28.9922, 26.5901, 32.7969



18.0493, 19.4636, 16.1706



4.4276, 4.3842, 5.0561



10.1493, 5.0794, 7.3760



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.8887, 17.2065, 21.8858 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 15.8887, 17.2065, 21.8858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

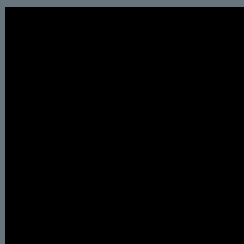
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

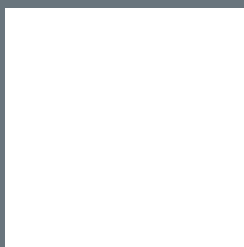
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.8887, 17.2065, 21.8858

Background



This preview shows how black text looks on a background with the XYZ color 15.8887, 17.2065, 21.8858.



This preview shows how white text looks on a background with the XYZ color 15.8887, 17.2065,

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

15.8887, 17.2065, 21.8858

Protanopia

16.6627, 17.1095, 21.1631

Deuteranopia

17.4452, 17.1596, 22.1313



Tritanopia

15.9529, 17.2322, 22.2240

Trichromacy



Original Color

15.8887, 17.2065, 21.8858

Protanomaly

16.3244, 17.0962, 21.5083

Deuteranomaly

16.8534, 17.1858, 22.1676

Tritanomaly

15.9529, 17.2322, 22.2240

Monochromacy



Original Color

15.8887, 17.2065, 21.8858

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.9563, 16.9490, 19.5700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8887, 17.2065, 21.8858 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(105, 117, 125)` looks like.

```
.text, #text, p{  
    color:rgb(105, 117, 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(105, 117, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 117, 125) }
```

Border

The CSS property to change the border of an element to XYZ 15.8887, 17.2065, 21.8858 is called "border". The border property can be set on classes, ids or directly on the HTML element.

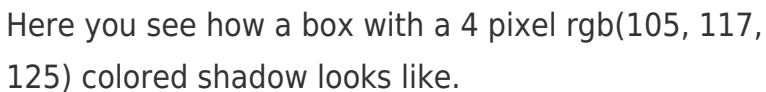
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 117, 125) }
```


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

```
.border{ border-color:rgb(105, 117, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 117, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 117, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 117, 125);  
box-shadow:4px 4px 4px 4px rgb(105, 117,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8887, 17.2065, 21.8858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 117, 125) }
```

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

```
.background{ background-color: rgb(105,  
117, 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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