

Converting Colors

XYZ(16.8782, 17.4937, 21.3887)

Have a look what the booklet for
XYZ(16.8782, 17.4937, 21.3887)
contains.

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Color

**XYZ(16.8908, 17.5657,
21.2392)**

Conversions

Conversions Part 1

Format	Color
Hex	73747B
RGB	115, 116, 123
RGB Percent	45%, 45%, 48%
CMY	0.5490, 0.5451, 0.5176
CMYK	0.07, 0.06, 0.00, 0.52
HSL	232°, 3%, 47%
HSV	232°, 7%, 48%
XYZ	16.8908, 17.5657, 21.2392
YIQ	116.4990, -2.8430, 1.9650

Conversions

Conversions Part 2

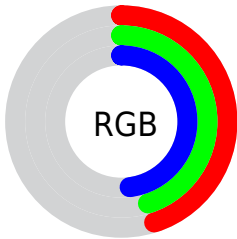
Format	Color
R_{YB}	115, 116, 123
Decimal	7566459
CIE Lab	48.97, 1.09, -3.98
CIE LCh	49, 4.127, 285.265
Yxy	17.5657, 0.3033, 0.3154
Android (android.graphics.Color)	4285756539 (0xFF73747B)
YUV	116.4990, 3.2050, -1.3146
Hunter-Lab	41.9115, -1.4075, -0.7080

Details

The XYZ color **16.8908, 17.5657, 21.2392** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.2225, 19.3677, 18.9979**, and the grayscale version is **16.7453, 17.6173, 19.1853**.

A 20% lighter version of the original color is **37.6768, 39.3159, 46.1604**, and **5.6179, 5.8219, 7.3062** is the 20% darker color. If you saturate the color by 10%, you get **14.2109, 14.4487, 20.7791**, and if you desaturate by 10%, it is **19.9313, 21.0828, 21.7581**.

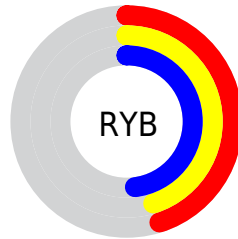
Distribution



Red (45%)

Green (45%)

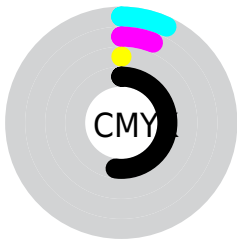
Blue (48%)



Red (45%)

Yellow (45%)

Blue (48%)

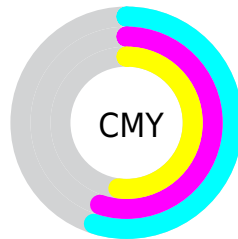


Cyan (7%)

Magenta (6%)

Yellow (0%)

Black (52%)



Cyan (55%)

Magenta (55%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8908, 17.5657, 21.2392 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 16.8908, 17.5657, 21.2392 by changing the saturation by 10% instead.

■ 16.8908, 17.5657,
21.2392

■ 16.8908, 17.5657,
21.2392

227.7108,
238.4116, 271.3697

■ 10.2515, 10.6386,
13.1060

■ 37.6830, 39.2959,
46.3712

■ 5.6296, 5.8244,
7.3700

■ 52.5666, 54.8678,
64.2072

■ 2.6597, 2.7386,
3.6126

■ 70.9291, 74.0901,
86.1144

■ 0.9765, 0.9968,
1.4153

■ 93.1357, 97.3472,
112.5116

■ 0.0000, 0.0000,
0.1536

119.5518,
125.0235, 143.8171

■ 0.0000, 0.0000,
0.0000

150.5428,

157.5034, 180.4496

186.4740,
195.1713, 222.8276

■ 16.8908, 17.5657,
21.2392

■ 16.8908, 17.5657,
21.2392

■ 14.2109, 14.4487,
20.7791

■ 19.9313, 21.0828,
21.7581

■ 11.8766, 11.7155,
20.3746

■ 23.3435, 25.0112,
22.3365

■ 9.8743, 9.3518,
20.0238

■ 27.1399, 29.3645,
22.9767

■ 8.1887, 7.3417,
19.7247

■ 31.3321, 34.1548,
23.6804

■ 6.8036, 5.6681,
19.4746

■ 35.9310, 39.3940,
24.4492

■ 5.7010, 4.3123,
19.2711

■ 40.9472, 45.0934,
25.2849

■ 4.8612, 3.2540,
19.1111

■ 46.3910, 51.2638,
26.1890

■ 4.2617, 2.4703,
18.9914

■ 52.2722, 57.9157,
27.1630

■ 3.8647, 1.9292,
18.9079

■ 58.6002, 65.0594,
28.2083

Harmonies

Analogous

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



16.5086, 17.5657, 21.2446



16.8908, 17.5657, 21.2392



17.2256, 17.5657, 20.6531

Triad

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



16.8908, 17.5657, 21.2392



17.2207, 17.5657, 17.6631



15.9918, 17.5657, 18.5933

Complementary

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



16.8908, 17.5657, 21.2392



18.2225, 19.3677, 18.9979

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.



16.1767, 17.5657, 17.6762



16.8908, 17.5657, 21.2392



16.8842, 17.5657, 17.1532

Square

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



16.8908, 17.5657, 21.2392



17.4181, 17.5657, 18.5748



16.5021, 17.5657, 17.1579



15.9935, 17.5657, 19.6882

Rectangle

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



16.8908, 17.5657, 21.2392



17.3752, 17.5657, 20.0245



16.5021, 17.5657, 17.1579



16.0341, 17.5657, 18.2549

Sweetspot

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



16.8913, 17.5664, 21.2396



32.5917, 34.1720, 38.4347



17.6622, 19.2146, 21.1689



7.6947, 8.0698, 9.0551



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.



16.8913, 17.5664, 21.2396



29.3904, 30.4620, 37.8873



17.1684, 17.5388, 21.2196



3.8344, 3.9670, 5.0068



3.8786, 1.8396, 19.5359



18.1482, 8.0691, 93.0708

Inverse Universe

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



17.4519, 17.7338, 19.0270



30.6432, 30.8402, 32.9423



17.9328, 19.4019, 19.0198



4.0169, 4.0225, 4.2864



8.5411, 4.3926, 0.8742



40.5635, 20.8818, 3.2317

Previews

White Background



This preview shows how the XYZ color 16.8908, 17.5657, 21.2392 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 16.8908, 17.5657, 21.2392 looks on a black 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

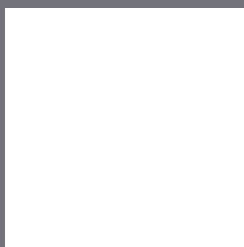
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.8908, 17.5657, 21.2392

Background



This preview shows how black text looks on a background with the XYZ color 16.8908, 17.5657, 21.2392.



This preview shows how white text looks on a background with the XYZ color 16.8908, 17.5657,

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

16.8908, 17.5657, 21.2392

Protanopia

17.0230, 17.6338, 21.2454

Deuteranopia

17.8554, 17.5506, 21.5153



Tritanopia

17.0173, 17.6163, 21.9054

Trichromacy

**Original Color**

16.8908, 17.5657, 21.2392

Protanomaly

17.0230, 17.6338, 21.2454

Deuteranomaly

17.5406, 17.5548, 21.5327

Tritanomaly

16.9537, 17.5909, 21.5706

Monochromacy

**Original Color**

16.8908, 17.5657, 21.2392

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.8935, 17.7675, 19.9918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8908, 17.5657, 21.2392 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(115, 116, 123)` looks like.

```
.text, #text, p{  
    color:rgb(115, 116, 123)  
}
```

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(115, 116, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 116, 123) }
```

Border

The CSS property to change the border of an element to XYZ 16.8908, 17.5657, 21.2392 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(115, 116, 123) }
```


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

```
.border{ border-color:rgb(115, 116, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 116, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 116, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 116, 123);  
box-shadow:4px 4px 4px 4px rgb(115, 116,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8908, 17.5657, 21.2392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 116, 123) }
```

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

```
.background{ background-color: rgb(115,  
116, 123) }
```

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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