

Converting Colors

XYZ(15.8570, 19.2686, 22.0498)

Have a look what the booklet for
XYZ(15.8570, 19.2686, 22.0498)
contains.

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Color

**XYZ(15.7709, 19.1689,
21.9375)**

Conversions

Conversions Part 1

Format	Color
Hex	5C807C
RGB	92, 128, 124
RGB Percent	36%, 50%, 49%
CMY	0.6392, 0.4980, 0.5137
CMYK	0.28, 0.00, 0.03, 0.50
HSL	173°, 16%, 43%
HSV	173°, 28%, 50%
XYZ	15.7709, 19.1689, 21.9375
YIQ	116.7800, -20.1720, -8.8760

Conversions

Conversions Part 2

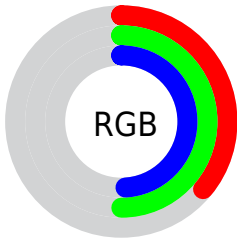
Format	Color
R_{YB}	92, 111, 128
Decimal	6062204
CIE _{Lab}	50.88, -13.54, -1.93
CIE _{LCh}	51, 13.678, 188.114
Yxy	19.1689, 0.2773, 0.3370
Android (android.graphics.Color)	4284252284 (0xFF5C807C)
YUV	116.7800, 3.5595, -21.7321
Hunter-Lab	43.7823, -12.3212, 0.9398

Details

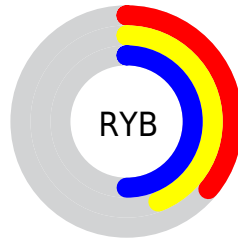
The XYZ color **15.7709, 19.1689, 21.9375** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.8412, 13.0886, 12.8113**, and the grayscale version is **16.8347, 17.7114, 19.2877**.

A 20% lighter version of the original color is **35.6880, 42.0220, 47.3044**, and **5.1047, 6.6354, 7.6683** is the 20% darker color. If you saturate the color by 10%, you get **14.5095, 18.5295, 21.4125**, and if you desaturate by 10%, it is **17.2508, 19.9218, 22.4803**.

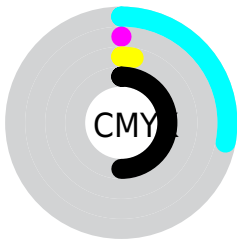
Distribution



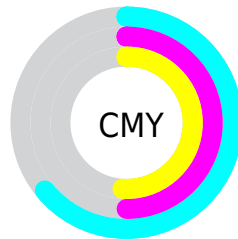
- Red (36%)
- Green (50%)
- Blue (49%)



- Red (36%)
- Yellow (44%)
- Blue (50%)



- Cyan (28%)
- Magenta (0%)
- Yellow (3%)
- Black (50%)



- Cyan (64%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7709, 19.1689, 21.9375 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 15.7709, 19.1689, 21.9375 by changing the saturation by 10% instead.

■ 15.7709, 19.1689,
21.9375

■ 15.7709, 19.1689,
21.9375

221.2831,
247.3796, 275.1626

■ 9.4520, 11.7924,
13.6131

■ 35.7607, 42.0193,
47.5435

■ 5.0966, 6.6025,
7.7164

■ 50.1623, 58.2620,
65.6623

■ 2.3394, 3.2148,
3.8289

■ 67.9888, 78.2288,
87.8829

■ 0.8147, 1.2449,
1.5319

■ 89.6057, 102.3043,
114.6238

■ 0.0000, 0.0979,
0.2415

115.3781,
130.8727, 146.3038

■ 0.0000, 0.0000,
0.0000

145.6716,

164.3184, 183.3412

180.8515,
203.0259, 226.1546

■ 15.7709, 19.1689,
21.9375

■ 15.7709, 19.1689,
21.9375

■ 14.5095, 18.5295,
21.4125

■ 17.2508, 19.9218,
22.4803

■ 13.4541, 17.9955,
20.9035

■ 18.9576, 20.7911,
23.0402

■ 12.5934, 17.5619,
20.4103

■ 20.9013, 21.7824,
23.6180

■ 11.9145, 17.2217,
19.9323

■ 23.0910, 22.9002,
24.2141

■ 11.4026, 16.9676,
19.4688

■ 25.5349, 24.1491,
24.8290

■ 11.0411, 16.7908,
19.0190

■ 28.2413, 25.5330,
25.4632

■ 10.7891, 16.6703,
18.5809

■ 31.2177, 27.0560,
26.1169

■ 10.7439, 16.6488,
18.4996

■ 34.4717, 28.7220,
26.7906

■ 38.0102, 30.5344,
27.4846

Harmonies

Analogous

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



15.9175, 19.1689, 18.2238



15.7709, 19.1689, 21.9375



16.2544, 19.1689, 25.7994

Triad

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



15.7709, 19.1689, 21.9375



19.8674, 19.1689, 27.2772



19.2033, 19.1689, 14.7108

Complementary

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



15.7709, 19.1689, 21.9375



14.8412, 13.0886, 12.8113

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.



20.3369, 19.1689, 16.6151



15.7709, 19.1689, 21.9375



20.7333, 19.1689, 23.7643

Square

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



15.7709, 19.1689, 21.9375



18.5879, 19.1689, 29.1212



20.9092, 19.1689, 19.8409



17.8559, 19.1689, 14.3488

Rectangle

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



15.7709, 19.1689, 21.9375



16.8837, 19.1689, 27.8341



20.9092, 19.1689, 19.8409



19.6239, 19.1689, 15.1794

Sweetspot

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



15.7715, 19.1697, 21.9379



33.3574, 36.5947, 40.5582



14.4965, 18.7095, 12.9728



7.7111, 8.5175, 9.4647



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.7715, 19.1697, 21.9379



26.2465, 32.9781, 38.0044



14.3504, 15.9143, 22.7384



4.4265, 4.8789, 5.4171



10.6532, 16.5079, 18.3445



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.8412, 13.0886, 12.8113



24.3170, 20.3548, 19.0665



15.9680, 15.6294, 12.3008



4.3457, 4.3514, 4.6250



8.9075, 4.5827, 0.8367



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.7709, 19.1689, 21.9375 looks on a white 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

Black Background



This preview shows how the XYZ color 15.7709, 19.1689, 21.9375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

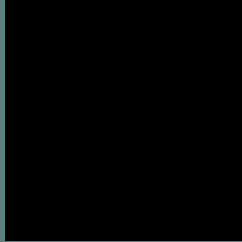
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.7709, 19.1689, 21.9375

Background



This preview shows how black text looks on a background with the XYZ color 15.7709, 19.1689, 21.9375.



This preview shows how white text looks on a background with the XYZ color 15.7709, 19.1689,

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

15.7709, 19.1689, 21.9375

Protanopia

18.2146, 18.9758, 20.1554

Deuteranopia

19.3331, 18.9748, 22.3822



Tritanopia

16.6241, 19.1322, 26.1092

Trichromacy



Original Color

15.7709, 19.1689, 21.9375

Protanomaly

17.2162, 18.9911, 20.8474

Deuteranomaly

17.7415, 18.8684, 22.1089

Tritanomaly

16.3703, 19.2244, 24.6777

Monochromacy



Original Color

15.7709, 19.1689, 21.9375

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.4119, 18.2190, 20.4209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7709, 19.1689, 21.9375 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(92, 128, 124)` looks like.

```
.text, #text, p{  
    color:rgb(92, 128, 124)  
}
```

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(92, 128, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 128, 124) }
```

Border

The CSS property to change the border of an element to XYZ 15.7709, 19.1689, 21.9375 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(92, 128, 124) }
```


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

```
.border{ border-color:rgb(92, 128, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 128, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 128, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 128, 124);  
box-shadow:4px 4px 4px 4px rgb(92, 128,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7709, 19.1689, 21.9375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 128, 124) }
```

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

```
.background{ background-color: rgb(92, 128,  
124) }
```

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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