

Converting Colors

XYZ(15.1531, 17.9577, 22.0278)

Have a look what the booklet for
XYZ(15.1531, 17.9577, 22.0278)
contains.

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Color

**XYZ(15.0990, 17.8707,
22.0556)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7B7D
RGB	91, 123, 125
RGB Percent	36%, 48%, 49%
CMY	0.6431, 0.5176, 0.5098
CMYK	0.27, 0.02, 0.00, 0.51
HSL	184°, 16%, 42%
HSV	184°, 27%, 49%
XYZ	15.0990, 17.8707, 22.0556
YIQ	113.6600, -19.7140, -6.1620

Conversions

Conversions Part 2

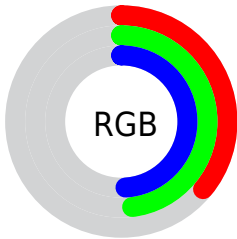
Format	Color
R_{YB}	91, 107, 125
Decimal	5995389
CIE _{Lab}	49.34, -10.84, -4.80
CIE _{LCh}	49, 11.856, 203.908
Yxy	17.8707, 0.2744, 0.3248
Android (android.graphics.Color)	4284185469 (0xFF5B7B7D)
YUV	113.6600, 5.5906, -19.8728
Hunter-Lab	42.2738, -10.2239, -1.3419

Details

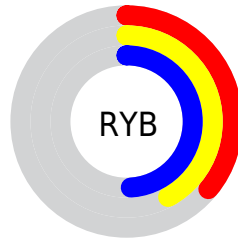
The XYZ color **15.0990, 17.8707, 22.0556** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.2603, 12.9441, 11.6448**, and the grayscale version is **15.8809, 16.7079, 18.1950**.

A 20% lighter version of the original color is **34.7165, 40.0158, 48.0135**, and **4.7495, 5.9330, 7.7323** is the 20% darker color. If you saturate the color by 10%, you get **13.8773, 17.1065, 21.9728**, and if you desaturate by 10%, it is **16.5277, 18.7435, 22.1491**.

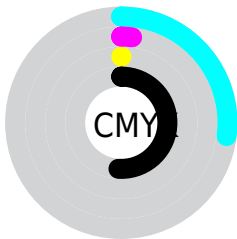
Distribution



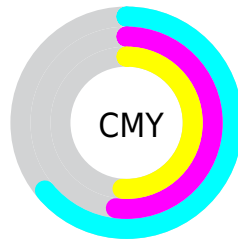
- Red (36%)
- Green (48%)
- Blue (49%)



- Red (36%)
- Yellow (42%)
- Blue (49%)



- Cyan (27%)
- Magenta (2%)
- Yellow (0%)
- Black (51%)



- Cyan (64%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0990, 17.8707, 22.0556 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 15.0990, 17.8707, 22.0556 by changing the saturation by 10% instead.

■ 15.0990, 17.8707,
22.0556

■ 15.0990, 17.8707,
22.0556

217.3412,
240.1412, 275.7995

■ 8.9757, 10.8572,
13.6991

■ 34.5970, 39.8169,
47.7412

■ 4.7823, 5.9709,
7.7753

■ 48.7024, 55.5183,
65.9074

■ 2.1535, 2.8274,
3.8658

■ 66.1991, 74.8846,
88.1805

■ 0.7181, 1.0423,
1.5520

■ 87.4526, 98.3000,
114.9792

■ 0.0000, 0.0000,
0.2562

112.8282,
126.1490, 146.7218

■ 0.0000, 0.0000,
0.0000

142.6913,

158.8159, 183.8271

177.4071,
196.6852, 226.7134

■ 15.0990, 17.8707,
22.0556

■ 15.0990, 17.8707,
22.0556

■ 13.8773, 17.1065,
21.9728

■ 16.5277, 18.7435,
22.1491

■ 12.8509, 16.4436,
21.8989

■ 18.1714, 19.7277,
22.2524

■ 12.0093, 15.8770,
21.8339

■ 20.0393, 20.8285,
22.3664

■ 11.3403, 15.4003,
21.7772

■ 22.1399, 22.0503,
22.4915

■ 10.8304, 15.0067,
21.7281

■ 24.4812, 23.3972,
22.6281

■ 10.4640, 14.6880,
21.6859

■ 27.0706, 24.8730,
22.7765

■ 10.2074, 14.4270,
21.6490

■ 29.9155, 26.4816,
22.9370

■ 10.1394, 14.3560,
21.6389

■ 33.0227, 28.2264,
23.1101

■ 36.3989, 30.1109,
23.2959

Harmonies

Analogous

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



14.9406, 17.8707, 18.8134



15.0990, 17.8707, 22.0556



15.7530, 17.8707, 24.8567

Triad

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



15.0990, 17.8707, 22.0556



18.7786, 17.8707, 23.3062



17.2142, 17.8707, 13.9664

Complementary

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



15.0990, 17.8707, 22.0556



14.2603, 12.9441, 11.6448

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.



18.2808, 17.8707, 14.9040



15.0990, 17.8707, 22.0556



19.2091, 17.8707, 20.1175

Square

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



15.0990, 17.8707, 22.0556



17.8698, 17.8707, 25.6322



19.0231, 17.8707, 17.0731



16.1310, 17.8707, 14.3648

Rectangle

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



15.0990, 17.8707, 22.0556



16.3979, 17.8707, 25.9779



19.0231, 17.8707, 17.0731



17.5871, 17.8707, 14.1322

Sweetspot

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



15.0995, 17.8714, 22.0560



32.2297, 35.1425, 39.8289



13.6109, 17.6767, 12.9814



7.2403, 7.9396, 9.0540



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.



15.0995, 17.8714, 22.0560



25.5546, 31.0781, 39.3962



13.2014, 14.0752, 21.4233



4.4255, 4.8450, 5.5152



10.5806, 14.9797, 22.5837



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.7741, 13.2726, 20.4701



26.9988, 21.3577, 35.9729



15.8897, 16.2029, 12.1879



4.4876, 4.4082, 5.3721



12.2176, 5.9067, 18.2672



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.0990, 17.8707, 22.0556 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 15.0990, 17.8707, 22.0556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

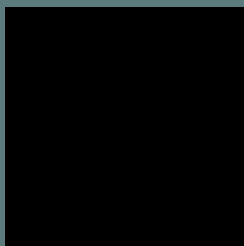
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

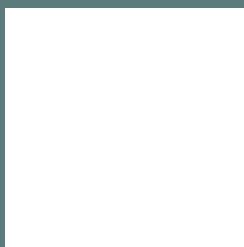
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0990, 17.8707, 22.0556

Background



This preview shows how black text looks on a background with the XYZ color 15.0990, 17.8707, 22.0556.



This preview shows how white text looks on a background with the XYZ color 15.0990, 17.8707,

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

15.0990, 17.8707, 22.0556

Protanopia

17.1678, 17.7228, 20.6052

Deuteranopia

18.1603, 17.8520, 22.5673



Tritanopia

15.5380, 17.8603, 24.4582

Trichromacy



Original Color

15.0990, 17.8707, 22.0556

Protanomaly

16.2940, 17.7869, 20.9868

Deuteranomaly

16.8093, 17.6737, 22.2641

Tritanomaly

15.3356, 17.7794, 23.3924

Monochromacy



Original Color

15.0990, 17.8707, 22.0556

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.5752, 17.0948, 19.6183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0990, 17.8707, 22.0556 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(91, 123, 125) looks like.

```
.text, #text, p{  
    color:rgb(91, 123, 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(91, 123, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 123, 125) }
```

Border

The CSS property to change the border of an element to XYZ 15.0990, 17.8707, 22.0556 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(91, 123, 125) }
```


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

```
.border{ border-color:rgb(91, 123, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 123, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 123, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 123, 125);  
box-shadow:4px 4px 4px 4px rgb(91, 123,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0990, 17.8707, 22.0556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 123, 125) }
```

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

```
.background{ background-color: rgb(91, 123,  
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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