

Converting Colors

XYZ(15.5828, 20.0655, 22.0657)

Have a look what the booklet for
XYZ(15.5828, 20.0655, 22.0657)
contains.

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Color

**XYZ(15.5929, 20.0693,
22.1207)**

Conversions

Conversions Part 1

Format	Color
Hex	53857C
RGB	83, 133, 124
RGB Percent	33%, 52%, 49%
CMY	0.6745, 0.4784, 0.5137
CMYK	0.38, 0.00, 0.07, 0.48
HSL	169°, 23%, 42%
HSV	169°, 38%, 52%
XYZ	15.5929, 20.0693, 22.1207
YIQ	117.0240, -26.9110, -13.3990

Conversions

Conversions Part 2

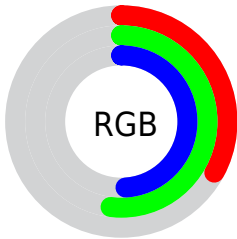
Format	Color
R_{YB}	83, 110, 133
Decimal	5473660
CIE _{Lab}	51.92, -19.02, -0.48
CIE _{LCh}	52, 19.030, 181.439
Yxy	20.0693, 0.2699, 0.3473
Android (android.graphics.Color)	4283663740 (0xFF53857C)
YUV	117.0240, 3.4392, -29.8390
Hunter-Lab	44.7988, -16.2682, 2.0830

Details

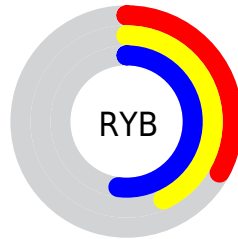
The XYZ color **15.5929, 20.0693, 22.1207** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.6986, 11.9463, 11.6572**, and the grayscale version is **16.9121, 17.7928, 19.3764**.

A 20% lighter version of the original color is **35.3871, 43.4033, 47.5869**, and **4.9905, 7.0178, 7.7482** is the 20% darker color. If you saturate the color by 10%, you get **14.3807, 19.4622, 21.2834**, and if you desaturate by 10%, it is **17.0351, 20.7956, 22.9888**.

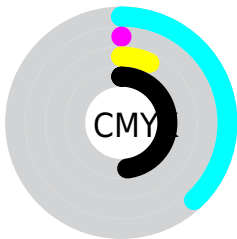
Distribution



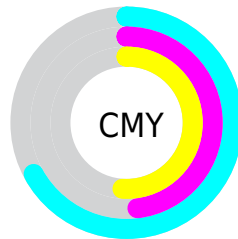
- Red (33%)
- Green (52%)
- Blue (49%)



- Red (33%)
- Yellow (43%)
- Blue (52%)



- Cyan (38%)
- Magenta (0%)
- Yellow (7%)
- Black (48%)



- Cyan (67%)
- Magenta (48%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5929, 20.0693, 22.1207 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 15.5929, 20.0693, 22.1207 by changing the saturation by 10% instead.

■ 15.5929, 20.0693,
22.1207

■ 15.5929, 20.0693,
22.1207

220.2453,
252.2900, 276.1500

■ 9.3256, 12.4454,
13.7465

■ 35.4532, 43.5333,
47.8502

■ 5.0129, 7.0478,
7.8078

■ 49.7768, 60.1423,
66.0424

■ 2.2897, 3.4920,
3.8862

■ 67.5166, 80.5151,
88.3445

■ 0.7894, 1.3937,
1.5631

■ 89.0379, 105.0361,
115.1748

■ 0.0000, 0.2121,
0.2643

■ 114.7061,
134.0897, 146.9520

■ 0.0000, 0.0000,
0.0000

144.8865,

168.0603, 184.0946

179.9444,
207.3322, 227.0210

■ 15.5929, 20.0693,
22.1207

■ 15.5929, 20.0693,
22.1207

■ 14.3807, 19.4622,
21.2834

■ 17.0351, 20.7956,
22.9888

■ 13.3838, 18.9651,
20.4749

■ 18.7174, 21.6447,
23.8870

■ 12.5886, 18.5716,
19.6947

■ 20.6516, 22.6232,
24.8165

■ 11.9789, 18.2734,
18.9419

■ 22.8480, 23.7365,
25.7779

■ 11.5365, 18.0609,
18.2157

■ 25.3163, 24.9896,
26.7717

■ 11.2225, 17.9143,
17.5140

■ 28.0660, 26.3872,
27.7985

■ 11.1513, 17.8811,
17.3481

■ 31.1058, 27.9340,
28.8589

■ 34.4443, 29.6342,
29.9534

■ 38.0894, 31.4921,
31.0824

Harmonies

Analogous

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



15.9910, 20.0693, 17.1441



15.5929, 20.0693, 22.1207



16.0742, 20.0693, 27.8933

Triad

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



15.5929, 20.0693, 22.1207



21.0821, 20.0693, 32.2603



20.9096, 20.0693, 13.7669

Complementary

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



15.5929, 20.0693, 22.1207



14.6986, 11.9463, 11.6572

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.



22.4284, 20.0693, 16.7529



15.5929, 20.0693, 22.1207



22.5326, 20.0693, 27.3515

Square

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



15.5929, 20.0693, 22.1207



19.1688, 20.0693, 34.3264



23.0410, 20.0693, 21.5856



18.9820, 20.0693, 12.8383

Rectangle

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



15.5929, 20.0693, 22.1207



16.8491, 20.0693, 31.2861



23.0410, 20.0693, 21.5856



21.4893, 20.0693, 14.5352

Sweetspot

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



15.5935, 20.0701, 22.1212



35.6614, 39.8438, 43.8245



14.3798, 19.6843, 11.2255



7.9459, 8.9318, 9.8311



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.5935, 20.0701, 22.1212



26.0669, 35.0090, 38.3450



14.1823, 16.2946, 24.5889



4.7666, 5.2649, 5.7822



10.6241, 17.0325, 16.5377



0.0391, 0.0599, 0.0695

Inverse Universe

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



14.6986, 11.9463, 11.6572



24.2307, 18.2943, 16.8402



15.6809, 14.5038, 10.1570



4.7043, 4.7014, 5.0552



9.3724, 4.8133, 1.2676



0.0344, 0.0175, 0.0147

Previews

White Background



This preview shows how the XYZ color 15.5929, 20.0693, 22.1207 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 15.5929, 20.0693, 22.1207 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 15.5929, 20.0693, 22.1207

Background



This preview shows how black text looks on a background with the XYZ color 15.5929, 20.0693, 22.1207.



This preview shows how white text looks on a background with the XYZ color 15.5929, 20.0693,

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

15.5929, 20.0693, 22.1207

Protanopia

19.1054, 19.9859, 19.9903

Deuteranopia

20.2591, 19.7943, 22.8316



Tritanopia

16.7208, 19.9146, 28.1619

Trichromacy



Original Color

15.5929, 20.0693, 22.1207

Protanomaly

17.5351, 19.9143, 20.6889

Deuteranomaly

18.0438, 19.5665, 22.5644

Tritanomaly

16.3272, 19.9603, 25.9139

Monochromacy



Original Color

15.5929, 20.0693, 22.1207

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.2988, 18.5252, 20.4860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5929, 20.0693, 22.1207 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(83, 133, 124)` looks like.

```
.text, #text, p{  
    color:rgb(83, 133, 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(83, 133, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 133, 124) }
```

Border

The CSS property to change the border of an element to XYZ 15.5929, 20.0693, 22.1207 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(83, 133, 124) }
```


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

```
.border{ border-color:rgb(83, 133, 124) }
```

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

Here you see how a box with a 4 pixel rgb(83, 133, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 133, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 133, 124);  
box-shadow:4px 4px 4px 4px rgb(83, 133,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5929, 20.0693, 22.1207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 133, 124) }
```

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

```
.background{ background-color: rgb(83, 133,  
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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