

Converting Colors

XYZ(15.4927, 19.8549, 17.7045)

Have a look what the booklet for
XYZ(15.4927, 19.8549, 17.7045)
contains.

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Color

**XYZ(15.5799, 19.9555,
17.7825)**

Conversions

Conversions Part 1

Format	Color
Hex	5D846E
RGB	93, 132, 110
RGB Percent	36%, 52%, 43%
CMY	0.6353, 0.4823, 0.5686
CMYK	0.30, 0.00, 0.17, 0.48
HSL	146°, 17%, 44%
HSV	146°, 30%, 52%
XYZ	15.5799, 19.9555, 17.7825
YIQ	117.8310, -16.1820, -15.1100

Conversions

Conversions Part 2

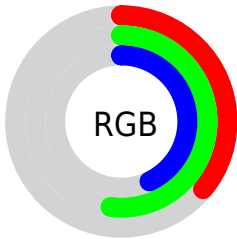
Format	Color
R_{YB}	93, 120, 132
Decimal	6128750
CIE Lab	51.79, -18.55, 7.55
CIE LCh	52, 20.024, 157.843
Yxy	19.9555, 0.2922, 0.3743
Android (android.graphics.Color)	4284318830 (0xFF5D846E)
YUV	117.8310, -3.8607, -21.7768
Hunter-Lab	44.6716, -15.9206, 7.6684

Details

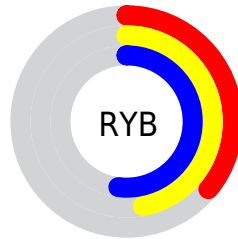
The XYZ color **15.5799, 19.9555, 17.7825** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.5252, 13.9724, 18.0463**, and the grayscale version is **17.1827, 18.0776, 19.6865**.

A 20% lighter version of the original color is **35.3721, 43.2359, 40.6635**, and **4.9690, 6.9403, 5.6351** is the 20% darker color. If you saturate the color by 10%, you get **13.9690, 19.1705, 15.6791**, and if you desaturate by 10%, it is **17.4567, 20.8747, 20.0771**.

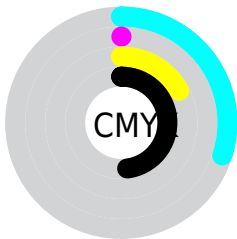
Distribution



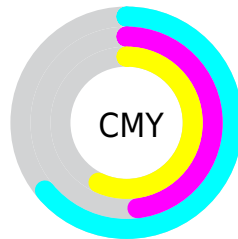
- Red (36%)
- Green (52%)
- Blue (43%)



- Red (36%)
- Yellow (47%)
- Blue (52%)



- Cyan (30%)
- Magenta (0%)
- Yellow (17%)
- Black (48%)



- Cyan (64%)
- Magenta (48%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5799, 19.9555, 17.7825 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 15.5799, 19.9555, 17.7825 by changing the saturation by 10% instead.

■ 15.5799, 19.9555,
17.7825

■ 15.5799, 19.9555,
17.7825

220.1693,
251.6741, 251.8370

■ 9.3163, 12.3627,
10.6261

■ 35.4307, 43.3426,
40.4753

■ 5.0068, 6.9912,
5.7050

■ 49.7487, 59.9056,
56.8488

■ 2.2861, 3.4566,
2.6007

■ 67.4821, 80.2275,
77.1317

■ 0.7875, 1.3745,
0.8928

■ 88.9964, 104.6927,
101.7426

■ 0.0000, 0.1978,
0.0000

114.6569,
133.6856, 131.1001

■ 0.0000, 0.0000,
0.0000

144.8290,

167.5905, 165.6226

179.8780,
206.7919, 205.7288

■ 15.5799, 19.9555,
17.7825

■ 15.5799, 19.9555,
17.7825

■ 13.9690, 19.1705,
15.6791

■ 17.4567, 20.8747,
20.0771

■ 12.6095, 18.5107,
13.7606

■ 19.6095, 21.9317,
22.5663

■ 11.4884, 17.9701,
12.0223

■ 22.0499, 23.1328,
25.2551

■ 10.5904, 17.5408,
10.4587

■ 24.7884, 24.4833,
28.1479

■ 9.8986, 17.2143,
9.0642

■ 27.8349, 25.9884,
31.2491

■ 9.3932, 16.9805,
7.8326

■ 31.1989, 27.6527,
34.5627

■ 9.0197, 16.8114,
6.7560

■ 34.8893, 29.4809,
38.0929

■ 9.0037, 16.8041,
6.7107

■ 38.9149, 31.4773,
41.8434

■ 43.2841, 33.6462,
45.8181

Harmonies

Analogous

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



16.6739, 19.9555, 14.0483



15.5799, 19.9555, 17.7825



15.3604, 19.9555, 23.2881

Triad

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



15.5799, 19.9555, 17.7825



19.5042, 19.9555, 34.7757



22.2162, 19.9555, 15.5715

Complementary

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



15.5799, 19.9555, 17.7825



16.5252, 13.9724, 18.0463

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.



23.0984, 19.9555, 20.2395



15.5799, 19.9555, 17.7825



21.4615, 19.9555, 31.7945

Square

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



15.5799, 19.9555, 17.7825



17.5341, 19.9555, 33.7995



22.8128, 19.9555, 26.2181



20.4761, 19.9555, 12.9393

Rectangle

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



15.5799, 19.9555, 17.7825



15.7237, 19.9555, 27.3727



22.8128, 19.9555, 26.2181



22.6284, 19.9555, 16.9184

Sweetspot

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



15.5804, 19.9563, 17.7829



34.6805, 38.6996, 39.9064



17.3111, 20.9454, 13.4865



7.9549, 8.9514, 9.1562



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.



15.5804, 19.9563, 17.7829



25.6205, 34.2616, 28.9739



16.7552, 20.4262, 23.9691



4.6943, 5.2360, 5.4016



8.7200, 16.2709, 6.5111



0.0338, 0.0578, 0.0413

Inverse Universe

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



16.5252, 13.9724, 18.0463



27.5464, 22.0591, 29.5072



15.5235, 13.5717, 12.7716



4.7744, 4.7294, 5.4242



10.4283, 5.2357, 6.8276



0.0398, 0.0196, 0.0430

Previews

White Background



This preview shows how the XYZ color 15.5799, 19.9555, 17.7825 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 15.5799, 19.9555, 17.7825 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 15.5799, 19.9555, 17.7825

Background



This preview shows how black text looks on a background with the XYZ color 15.5799, 19.9555, 17.7825.



This preview shows how white text looks on a background with the XYZ color 15.5799, 19.9555,

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

15.5799, 19.9555, 17.7825

Protanopia

18.6860, 19.8530, 16.2117

Deuteranopia

20.2249, 19.8749, 18.3930



Tritanopia

17.4522, 19.9260, 26.9710

Trichromacy



Original Color

15.5799, 19.9555, 17.7825

Protanomaly

17.3172, 19.6962, 16.7990

Deuteranomaly

18.1583, 19.7227, 18.1791

Tritanomaly

16.6763, 19.8004, 23.3650

Monochromacy



Original Color

15.5799, 19.9555, 17.7825

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.4841, 18.6549, 18.9516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5799, 19.9555, 17.7825 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(93, 132, 110)` looks like.

```
.text, #text, p{  
    color:rgb(93, 132, 110)  
}
```

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(93, 132, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 132, 110) }
```

Border

The CSS property to change the border of an element to XYZ 15.5799, 19.9555, 17.7825 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(93, 132, 110) }
```


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

```
.border{ border-color:rgb(93, 132, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 132, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 132, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 132, 110);  
box-shadow:4px 4px 4px 4px rgb(93, 132,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5799, 19.9555, 17.7825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 132, 110) }
```

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

```
.background{ background-color: rgb(93, 132,  
110) }
```

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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