

Converting Colors

XYZ(15.8345, 19.1943, 22.2723)

Have a look what the booklet for
XYZ(15.8345, 19.1943, 22.2723)
contains.

XYZ(15.8345, 19.1943, 22.2723)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.8345, 19.1943,
22.2723)**

Conversions

Conversions Part 1

Format	Color
Hex	5C807D
RGB	92, 128, 125
RGB Percent	36%, 50%, 49%
CMY	0.6392, 0.4980, 0.5098
CMYK	0.28, 0.00, 0.02, 0.50
HSL	175°, 16%, 43%
HSV	175°, 28%, 50%
XYZ	15.8345, 19.1943, 22.2723
YIQ	116.8940, -20.4930, -8.5650

Conversions

Conversions Part 2

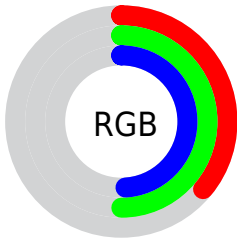
Format	Color
R_{YB}	92, 111, 128
Decimal	6062205
CIE _{Lab}	50.91, -13.30, -2.47
CIE _{LCh}	51, 13.527, 190.534
Yxy	19.1943, 0.2763, 0.3350
Android (android.graphics.Color)	4284252285 (0xFF5C807D)
YUV	116.8940, 3.9963, -21.8320
Hunter-Lab	43.8113, -12.1554, 0.5267

Details

The XYZ color **15.8345, 19.1943, 22.2723** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.7955, 13.0703, 12.5704**, and the grayscale version is **16.8687, 17.7472, 19.3267**.

A 20% lighter version of the original color is **35.8874, 42.1017, 48.3545**, and **5.1392, 6.6492, 7.8500** is the 20% darker color. If you saturate the color by 10%, you get **14.5946, 18.5635, 21.8607**, and if you desaturate by 10%, it is **17.2923, 19.9384, 22.6988**.

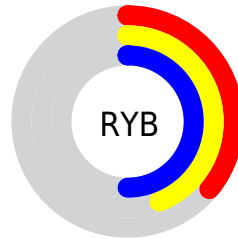
Distribution



Red (36%)

Green (50%)

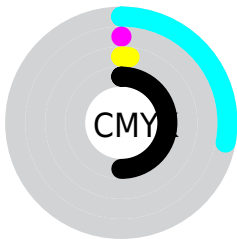
Blue (49%)



Red (36%)

Yellow (44%)

Blue (50%)

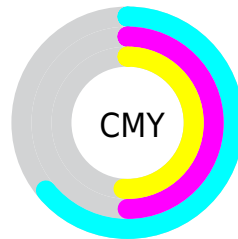


Cyan (28%)

Magenta (0%)

Yellow (2%)

Black (50%)



Cyan (64%)

Magenta (50%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8345, 19.1943, 22.2723 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 15.8345, 19.1943, 22.2723 by changing the saturation by 10% instead.

■ 15.8345, 19.1943,
22.2723

■ 15.8345, 19.1943,
22.2723

221.6528,
247.5193, 276.9648

■ 9.4972, 11.8108,
13.8569

■ 35.8704, 42.0622,
48.1036

■ 5.1266, 6.6150,
7.8836

■ 50.2998, 58.3153,
66.3565

■ 2.3572, 3.2225,
3.9338

■ 68.1572, 78.2937,
88.7258

■ 0.8237, 1.2490,
1.5891

■ 89.8080, 102.3818,
115.6298

■ 0.0000, 0.1012,
0.2830

115.6177,
130.9641, 147.4872

■ 0.0000, 0.0000,
0.0000

145.9514,

164.4248, 184.7164

181.1747,
203.1484, 227.7361

■ 15.8345, 19.1943,
22.2723

■ 15.8345, 19.1943,
22.2723

■ 14.5946, 18.5635,
21.8607

■ 17.2923, 19.9384,
22.6988

■ 13.5602, 18.0379,
21.4620

■ 18.9764, 20.7986,
23.1393

■ 12.7199, 17.6124,
21.0763

■ 20.8970, 21.7806,
23.5947

■ 12.0608, 17.2802,
20.7028

■ 23.0628, 22.8889,
24.0655

■ 11.5682, 17.0338,
20.3409

■ 25.4824, 24.1280,
24.5520

■ 11.2254, 16.8645,
19.9898

■ 28.1638, 25.5020,
25.0546

■ 10.9917, 16.7513,
19.6475

■ 31.1147, 27.0148,
25.5738

■ 10.9498, 16.7311,
19.5838

■ 34.3424, 28.6702,
26.1098

■ 37.8542, 30.4720,
26.6630

Harmonies

Analogous

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



15.9288, 19.1943, 18.5439



15.8345, 19.1943, 22.2723



16.3614, 19.1943, 26.0504

Triad

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



15.8345, 19.1943, 22.2723



19.9632, 19.1943, 26.9994



19.1125, 19.1943, 14.7060

Complementary

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



15.8345, 19.1943, 22.2723



14.7955, 13.0703, 12.5704

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.



20.2649, 19.1943, 16.4764



15.8345, 19.1943, 22.2723



20.7724, 19.1943, 23.4462

Square

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



15.8345, 19.1943, 22.2723



18.7169, 19.1943, 28.9922



20.8855, 19.1943, 19.5840



17.7783, 19.1943, 14.4728

Rectangle

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



15.8345, 19.1943, 22.2723



17.0098, 19.1943, 27.9756



20.8855, 19.1943, 19.5840



19.5357, 19.1943, 15.1299

Sweetspot

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



15.8351, 19.1951, 22.2727



33.3908, 36.6081, 40.7340



14.4335, 18.6770, 12.9700



7.7202, 8.5211, 9.5125



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.



15.8351, 19.1951, 22.2727



26.3837, 33.0330, 38.7274



14.2828, 15.7791, 22.7158



4.4315, 4.8809, 5.4432



10.8573, 16.5895, 19.4193



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.7955, 13.0703, 12.5704



24.2270, 20.3188, 18.5926



16.0299, 15.7533, 12.3215



4.3412, 4.3496, 4.6013



8.8853, 4.5738, 0.7200



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.8345, 19.1943, 22.2723 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 15.8345, 19.1943, 22.2723 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 15.8345, 19.1943, 22.2723

Background



This preview shows how black text looks on a background with the XYZ color 15.8345, 19.1943, 22.2723.



This preview shows how white text looks on a background with the XYZ color 15.8345, 19.1943,

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

15.8345, 19.1943, 22.2723

Protanopia

18.2750, 19.0000, 20.4735

Deuteranopia

19.3980, 19.0007, 22.7238



Tritanopia

16.6241, 19.1322, 26.1092

Trichromacy



Original Color

15.8345, 19.1943, 22.2723

Protanomaly

17.2779, 19.0158, 21.1721

Deuteranomaly

17.8057, 18.8941, 22.4471

Tritanomaly

16.3703, 19.2244, 24.6777

Monochromacy



Original Color

15.8345, 19.1943, 22.2723

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 15.8345, 19.1943, 22.2723 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, 125) looks like.

```
.text, #text, p{  
    color:rgb(92, 128, 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(92, 128, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 128, 125) }
```

Border

The CSS property to change the border of an element to XYZ 15.8345, 19.1943, 22.2723 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, 125) }
```


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

```
.border{ border-color:rgb(92, 128, 125) }
```

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, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 128, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 128, 125);  
box-shadow:4px 4px 4px 4px rgb(92, 128,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8345, 19.1943, 22.2723 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, 125) }
```

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

```
.background{ background-color: rgb(92, 128,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor