

Converting Colors

XYZ(16.3269, 19.3614, 21.8344)

Have a look what the booklet for
XYZ(16.3269, 19.3614, 21.8344)
contains.

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Color

**XYZ(16.3943, 19.4902,
21.9667)**

Conversions

Conversions Part 1

Format	Color
Hex	62807C
RGB	98, 128, 124
RGB Percent	38%, 50%, 49%
CMY	0.6157, 0.4980, 0.5137
CMYK	0.23, 0.00, 0.03, 0.50
HSL	172°, 13%, 44%
HSV	172°, 23%, 50%
XYZ	16.3943, 19.4902, 21.9667
YIQ	118.5740, -16.5960, -7.6040

Conversions

Conversions Part 2

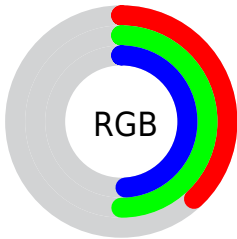
Format	Color
R_{YB}	98, 114, 128
Decimal	6455420
CIE _{Lab}	51.26, -11.57, -1.34
CIE _{LCh}	51, 11.647, 186.615
Yxy	19.4902, 0.2834, 0.3369
Android (android.graphics.Color)	4284645500 (0xFF62807C)
YUV	118.5740, 2.6750, -18.0434
Hunter-Lab	44.1477, -10.9723, 1.4023

Details

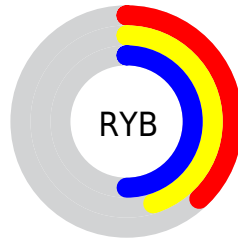
The XYZ color **16.3943, 19.4902, 21.9667** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.6688, 14.2845, 14.5026**, and the grayscale version is **17.3961, 18.3021, 19.9310**.

A 20% lighter version of the original color is **36.7548, 42.5719, 47.3543**, and **5.3814, 6.7781, 7.6813** is the 20% darker color. If you saturate the color by 10%, you get **15.0152, 18.7921, 21.3438**, and if you desaturate by 10%, it is **17.9973, 20.3045, 22.6107**.

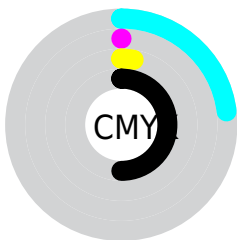
Distribution



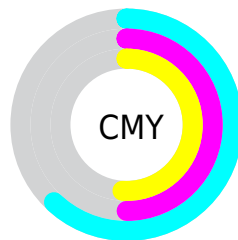
- Red (38%)
- Green (50%)
- Blue (49%)



- Red (38%)
- Yellow (45%)
- Blue (50%)



- Cyan (23%)
- Magenta (0%)
- Yellow (3%)
- Black (50%)



- Cyan (62%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3943, 19.4902, 21.9667 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 16.3943, 19.4902, 21.9667 by changing the saturation by 10% instead.

■ 16.3943, 19.4902,
21.9667

■ 16.3943, 19.4902,
21.9667

224.8822,
249.1417, 275.3202

■ 9.8962, 12.0250,
13.6343

■ 36.8333, 42.5608,
47.5924

■ 5.3919, 6.7607,
7.7310

■ 51.5050, 58.9350,
65.7229

■ 2.5161, 3.3129,
3.8380

■ 69.6319, 79.0477,
87.9565

■ 0.9034, 1.2972,
1.5369

■ 91.5793, 103.2832,
114.7117

■ 0.0000, 0.1390,
0.2452

117.7128,
132.0260, 146.4072

■ 0.0000, 0.0000,
0.0000

148.3975,

165.6604, 183.4614

183.9988,
204.5708, 226.2929

■ 16.3943, 19.4902,
21.9667

■ 16.3943, 19.4902,
21.9667

■ 15.0152, 18.7921,
21.3438

■ 17.9973, 20.3045,
22.6107

■ 13.8479, 18.2025,
20.7400

■ 19.8322, 21.2376,
23.2749

■ 12.8815, 17.7162,
20.1554

■ 21.9090, 22.2952,
23.9604

■ 12.1036, 17.3270,
19.5892

■ 24.2362, 23.4817,
24.6674

■ 11.5005, 17.0276,
19.0407

■ 26.8222, 24.8014,
25.3965

■ 11.0565, 16.8100,
18.5092

■ 29.6748, 26.2583,
26.1481

■ 10.7520, 16.6641,
17.9937

■ 32.8015, 27.8563,
26.9226

■ 10.5848, 16.5851,
17.6620

■ 36.2097, 29.5991,
27.7203

■ 39.9064, 31.4905,
28.5417

Harmonies

Analogous

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



16.5501, 19.4902, 18.7834



16.3943, 19.4902, 21.9667



16.7899, 19.4902, 25.2684

Triad

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



16.3943, 19.4902, 21.9667



19.8887, 19.4902, 26.7790



19.4252, 19.4902, 15.8768

Complementary

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



16.3943, 19.4902, 21.9667



15.6688, 14.2845, 14.5026

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.



20.3754, 19.4902, 17.6316



16.3943, 19.4902, 21.9667



20.6507, 19.4902, 23.8620

Square

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



16.3943, 19.4902, 21.9667



18.7833, 19.4902, 28.2282



20.8324, 19.4902, 20.4934



18.2688, 19.4902, 15.4823

Rectangle

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



16.3943, 19.4902, 21.9667



17.3232, 19.4902, 27.0211



20.8324, 19.4902, 20.4934



19.7808, 19.4902, 16.3175

Sweetspot

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



16.3949, 19.4910, 21.9671



33.6645, 36.7538, 40.5378



15.4608, 19.1750, 14.4421



7.8475, 8.5876, 9.4787



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.



16.3949, 19.4910, 21.9671



27.5520, 33.6504, 38.0992



15.3536, 16.9953, 22.8941



4.4225, 4.8773, 5.3963



10.4956, 16.4448, 17.5143



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.6688, 14.2845, 14.5026



26.0465, 22.8490, 22.6175



16.5228, 16.3026, 13.8317



4.3493, 4.3529, 4.6441



8.9283, 4.5910, 0.9461



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.3943, 19.4902, 21.9667 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 16.3943, 19.4902, 21.9667 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 16.3943, 19.4902, 21.9667

Background



This preview shows how black text looks on a background with the XYZ color 16.3943, 19.4902, 21.9667.



This preview shows how white text looks on a background with the XYZ color 16.3943, 19.4902,

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

16.3943, 19.4902, 21.9667

Protanopia

18.5397, 19.3159, 20.5205

Deuteranopia

19.7600, 19.3688, 22.4357



Tritanopia

17.2716, 19.4660, 26.1396

Trichromacy



Original Color

16.3943, 19.4902, 21.9667

Protanomaly

17.7291, 19.4406, 20.9072

Deuteranomaly

18.4069, 19.3928, 22.1751

Tritanomaly

17.0098, 19.5540, 24.7076

Monochromacy



Original Color

16.3943, 19.4902, 21.9667

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.9663, 18.6791, 20.8004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3943, 19.4902, 21.9667 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(98, 128, 124) looks like.

```
.text, #text, p{  
    color:rgb(98, 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(98, 128, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 128, 124) }
```

Border

The CSS property to change the border of an element to XYZ 16.3943, 19.4902, 21.9667 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(98, 128, 124) }
```


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

```
.border{ border-color:rgb(98, 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(98, 128, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 128, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 128, 124);  
box-shadow:4px 4px 4px 4px rgb(98, 128,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3943, 19.4902, 21.9667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 128, 124) }
```

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

```
.background{ background-color: rgb(98, 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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