

Converting Colors

XYZ(16.2447, 19.4058, 22.2915)

Have a look what the booklet for
XYZ(16.2447, 19.4058, 22.2915)
contains.

XYZ(16.2447, 19.4058, 22.2915)	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(16.2447, 19.4058,
22.2915)**

Conversions

Conversions Part 1

Format	Color
Hex	60807D
RGB	96, 128, 125
RGB Percent	38%, 50%, 49%
CMY	0.6235, 0.4980, 0.5098
CMYK	0.25, 0.00, 0.02, 0.50
HSL	174°, 14%, 44%
HSV	174°, 25%, 50%
XYZ	16.2447, 19.4058, 22.2915
YIQ	118.0900, -18.1090, -7.7170

Conversions

Conversions Part 2

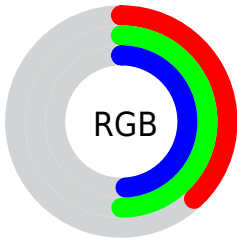
Format	Color
R _Y B	96, 113, 128
Decimal	6324349
CIE Lab	51.16, -12.00, -2.08
CIE LCh	51, 12.179, 189.856
Yxy	19.4058, 0.2804, 0.3349
Android (android.graphics.Color)	4284514429 (0xFF60807D)
YUV	118.0900, 3.4066, -19.3729
Hunter-Lab	44.0520, -11.2670, 0.8341

Details

The XYZ color **16.2447, 19.4058, 22.2915** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.3378, 13.8563, 13.6713**, and the grayscale version is **17.2422, 18.1402, 19.7546**.

A 20% lighter version of the original color is **36.5924, 42.4651, 48.3874**, and **5.3194, 6.7421, 7.8585** is the 20% darker color. If you saturate the color by 10%, you get **14.9300, 18.7374, 21.8324**, and if you desaturate by 10%, it is **17.7807, 20.1892, 22.7667**.

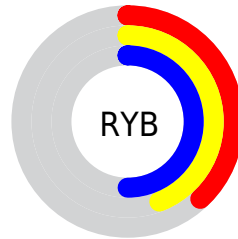
Distribution



Red (38%)

Green (50%)

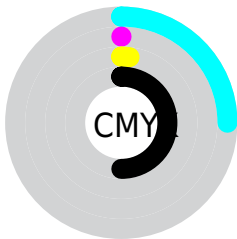
Blue (49%)



Red (38%)

Yellow (44%)

Blue (50%)

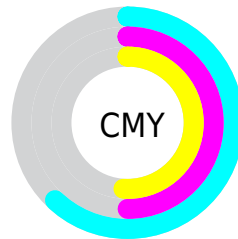


Cyan (25%)

Magenta (0%)

Yellow (2%)

Black (50%)



Cyan (62%)

Magenta (50%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2447, 19.4058, 22.2915 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 16.2447, 19.4058, 22.2915 by changing the saturation by 10% instead.

■ 16.2447, 19.4058,
22.2915

■ 16.2447, 19.4058,
22.2915

224.0235,
248.6799, 277.0678

■ 9.7894, 11.9639,
13.8709

■ 36.5765, 42.4187,
48.1357

■ 5.3208, 6.7191,
7.8932

■ 51.1838, 58.7584,
66.3963

■ 2.4733, 3.2870,
3.9399

■ 69.2391, 78.8329,
88.7740

■ 0.8818, 1.2834,
1.5924

■ 91.1077, 103.0265,
115.6874

■ 0.0000, 0.1283,
0.2854

117.1552,
131.7236, 147.5549

■ 0.0000, 0.0000,
0.0000

147.7467,

165.3086, 184.7951

183.2477,
204.1659, 227.8265

■ 16.2447, 19.4058,
22.2915

■ 16.2447, 19.4058,
22.2915

■ 14.9300, 18.7374,
21.8324

■ 17.7807, 20.1892,
22.7667

■ 13.8244, 18.1761,
21.3874

■ 19.5463, 21.0904,
23.2570

■ 12.9170, 17.7169,
20.9565

■ 21.5514, 22.1149,
23.7635

■ 12.1951, 17.3533,
20.5391

■ 23.8046, 23.2672,
24.2864

■ 11.6448, 17.0780,
20.1345

■ 26.3143, 24.5517,
24.8263

■ 11.2499, 16.8827,
19.7420

■ 29.0885, 25.9724,
25.3835

■ 10.9868, 16.7552,
19.3603

■ 32.1347, 27.5332,
25.9583

■ 10.8716, 16.6999,
19.1721

■ 35.4602, 29.2379,
26.5512

■ 39.0722, 31.0901,
27.1624

Harmonies

Analogous

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



16.3442, 19.4058, 18.9156



16.2447, 19.4058, 22.2915



16.7146, 19.4058, 25.6969

Triad

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



16.2447, 19.4058, 22.2915



19.9772, 19.4058, 26.6723



19.2581, 19.4058, 15.4679

Complementary

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



16.2447, 19.4058, 22.2915



15.3378, 13.8563, 13.6713

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.



20.2901, 19.4058, 17.1384



16.2447, 19.4058, 22.2915



20.7177, 19.4058, 23.5100

Square

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



16.2447, 19.4058, 22.2915



18.8460, 19.4058, 28.4028



20.8347, 19.4058, 20.0088



18.0490, 19.4058, 15.2179

Rectangle

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



16.2447, 19.4058, 22.2915



17.3001, 19.4058, 27.4356



20.8347, 19.4058, 20.0088



19.6386, 19.4058, 15.8725

Sweetspot

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



16.2453, 19.4066, 22.2919



33.3783, 36.6031, 40.6680



14.9985, 18.9476, 13.9334



7.7168, 8.5197, 9.4946



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.



16.2453, 19.4066, 22.2919



27.2372, 33.4726, 38.7831



14.8743, 16.3531, 22.7955



4.4296, 4.8802, 5.4334



10.7798, 16.5585, 19.0110



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.3378, 13.8563, 13.6713



25.3540, 21.9494, 20.8898



16.4614, 16.3290, 13.3509



4.3429, 4.3503, 4.6102



8.8932, 4.5770, 0.7613



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.2447, 19.4058, 22.2915 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 16.2447, 19.4058, 22.2915 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

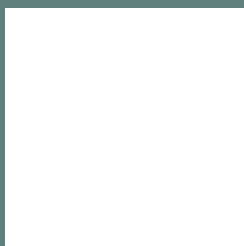
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.2447, 19.4058, 22.2915

Background



This preview shows how black text looks on a background with the XYZ color 16.2447, 19.4058, 22.2915.



This preview shows how white text looks on a background with the XYZ color 16.2447, 19.4058,

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

16.2447, 19.4058, 22.2915

Protanopia

18.6007, 19.3403, 20.8418

Deuteranopia

19.6693, 19.3145, 22.7701



Tritanopia

16.9418, 19.2960, 26.1241

Trichromacy



Original Color

16.2447, 19.4058, 22.2915

Protanomaly

17.6599, 19.3979, 21.2257

Deuteranomaly

18.1966, 19.2770, 22.5004

Tritanomaly

16.6840, 19.3861, 24.6923

Monochromacy



Original Color

16.2447, 19.4058, 22.2915

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.8411, 18.6145, 20.7945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2447, 19.4058, 22.2915 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(96, 128, 125) looks like.

```
.text, #text, p{  
    color:rgb(96, 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(96, 128, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 128, 125) }
```

Border

The CSS property to change the border of an element to XYZ 16.2447, 19.4058, 22.2915 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(96, 128, 125) }
```


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

```
.border{ border-color:rgb(96, 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(96, 128, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 128, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 128, 125);  
box-shadow:4px 4px 4px 4px rgb(96, 128,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2447, 19.4058, 22.2915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 128, 125) }
```

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

```
.background{ background-color: rgb(96, 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](#).

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