

Converting Colors

XYZ(19.5896, 24.4152, 28.3092)

Have a look what the booklet for
XYZ(19.5896, 24.4152, 28.3092)
contains.

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Color

**XYZ(19.6366, 24.3814,
28.4821)**

Conversions

Conversions Part 1

Format	Color
Hex	61908C
RGB	97, 144, 140
RGB Percent	38%, 56%, 55%
CMY	0.6196, 0.4353, 0.4510
CMYK	0.33, 0.00, 0.03, 0.44
HSL	175°, 20%, 47%
HSV	175°, 33%, 56%
XYZ	19.6366, 24.3814, 28.4821
YIQ	129.4910, -26.7280, -11.2080

Conversions

Conversions Part 2

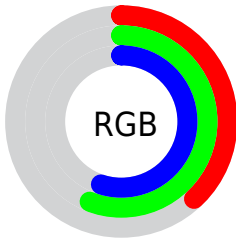
Format	Color
R _Y B	97, 122, 144
Decimal	6393996
CIE Lab	56.47, -16.78, -2.96
CIE LCh	56, 17.038, 190.021
Yxy	24.3814, 0.2708, 0.3363
Android (android.graphics.Color)	4284584076 (0xFF61908C)
YUV	129.4910, 5.1809, -28.4946
Hunter-Lab	49.3775, -15.4243, 0.3644

Details

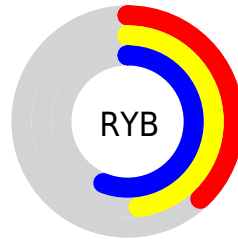
The XYZ color **19.6366, 24.3814, 28.4821** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.1260, 15.4188, 14.3335**, and the grayscale version is **21.0282, 22.1233, 24.0923**.

A 20% lighter version of the original color is **42.2141, 50.6280, 57.9993**, and **6.9321, 9.1712, 11.0777** is the 20% darker color. If you saturate the color by 10%, you get **18.1496, 23.6259, 27.9437**, and if you desaturate by 10%, it is **21.4045, 25.2829, 29.0400**.

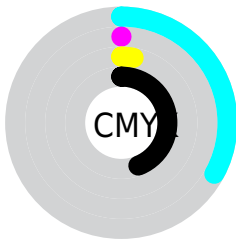
Distribution



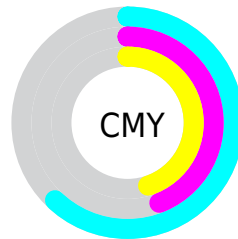
- Red (38%)
- Green (56%)
- Blue (55%)



- Red (38%)
- Yellow (48%)
- Blue (56%)



- Cyan (33%)
- Magenta (0%)
- Yellow (3%)
- Black (44%)



- Cyan (62%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6366, 24.3814, 28.4821 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 19.6366, 24.3814, 28.4821 by changing the saturation by 10% instead.

■ 19.6366, 24.3814,
28.4821

■ 19.6366, 24.3814,
28.4821

242.8122,
274.7431, 308.7476

■ 12.2379, 15.6168,
18.4472

■ 42.3157, 50.6519,
58.2856

■ 6.9793, 9.2534,
11.0988

■ 58.3268, 68.9265,
78.8912

■ 3.4953, 4.9068,
6.0183

■ 77.9393, 91.1400,
103.8575

■ 1.4208, 2.1927,
2.7872

■ 101.5188,
117.6766, 133.6029

■ 0.2710, 0.7160,
0.9871

129.4304,
148.9209, 168.5461

■ 0.0000, 0.0000,
0.0000

162.0396,

185.2571, 209.1056

199.7118,
227.0697, 255.6999

■ 19.6366, 24.3814,
28.4821

■ 19.6366, 24.3814,
28.4821

■ 18.1496, 23.6259,
27.9437

■ 21.4045, 25.2829,
29.0400

■ 16.9265, 23.0056,
27.4223

■ 23.4653, 26.3346,
29.6163

■ 15.9513, 22.5130,
26.9177

■ 25.8326, 27.5443,
30.2123

■ 15.2056, 22.1386,
26.4292

■ 28.5186, 28.9181,
30.8286

■ 14.6687, 21.8717,
25.9555

■ 31.5350, 30.4622,
31.4656

■ 14.3156, 21.6995,
25.4957

■ 34.8927, 32.1820,
32.1239

■ 14.1210, 21.6063,
25.1636

■ 38.6022, 34.0831,
32.8040

■ 42.6735, 36.1707,
33.5065

■ 47.1163, 38.4495,
34.2317

Harmonies

Analogous

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



19.7896, 24.3814, 23.0067



19.6366, 24.3814, 28.4821



20.3894, 24.3814, 34.1612

Triad

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



19.6366, 24.3814, 28.4821



25.6988, 24.3814, 35.7627



24.4937, 24.3814, 17.5929

Complementary

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



19.6366, 24.3814, 28.4821



18.1260, 15.4188, 14.3335

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.



26.2008, 24.3814, 20.1580



19.6366, 24.3814, 28.4821



26.9234, 24.3814, 30.4334

Square

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



19.6366, 24.3814, 28.4821



23.8399, 24.3814, 38.7419



27.1121, 24.3814, 24.7020



22.5202, 24.3814, 17.2246

Rectangle

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



19.6366, 24.3814, 28.4821



21.3301, 24.3814, 37.1091



27.1121, 24.3814, 24.7020



25.1207, 24.3814, 18.2075

Sweetspot

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



19.6373, 24.3824, 28.4827



42.3512, 46.9394, 52.4866



17.5771, 23.6179, 14.9418



9.5966, 10.7052, 12.0063



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.6373, 24.3824, 28.4827



32.7068, 42.0225, 49.5506



17.3234, 19.2736, 29.1939



5.5407, 6.1085, 6.8133



12.3005, 18.8160, 21.9341



0.1214, 0.1814, 0.2296

Inverse Universe

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



18.1260, 15.4188, 14.3335



29.6270, 23.7412, 20.7054



19.8824, 19.2378, 13.9749



5.4264, 5.4311, 5.7433



10.0792, 5.1887, 0.8025



0.0993, 0.0508, 0.0233

Previews

White Background



This preview shows how the XYZ color 19.6366, 24.3814, 28.4821 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 19.6366, 24.3814, 28.4821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

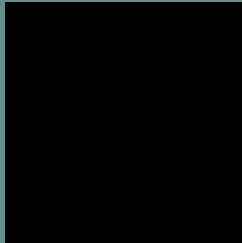
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.6366, 24.3814, 28.4821

Background



This preview shows how black text looks on a background with the XYZ color 19.6366, 24.3814, 28.4821.



This preview shows how white text looks on a background with the XYZ color 19.6366, 24.3814,

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

19.6366, 24.3814, 28.4821

Protanopia

23.1447, 24.0898, 25.9842

Deuteranopia

24.5758, 24.1451, 29.3518



Tritanopia

20.6783, 24.3552, 33.7482

Trichromacy



Original Color

19.6366, 24.3814, 28.4821

Protanomaly

21.5585, 24.0921, 26.8065

Deuteranomaly

22.4390, 24.0733, 29.0551

Tritanomaly

20.3133, 24.4357, 31.6629

Monochromacy



Original Color

19.6366, 24.3814, 28.4821

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.0949, 22.5256, 25.4791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6366, 24.3814, 28.4821 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(97, 144, 140)` looks like.

```
.text, #text, p{  
    color:rgb(97, 144, 140)  
}
```

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(97, 144, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 144, 140) }
```

Border

The CSS property to change the border of an element to XYZ 19.6366, 24.3814, 28.4821 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(97, 144, 140) }
```


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

```
.border{ border-color:rgb(97, 144, 140) }
```

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

Here you see how a box with a 4 pixel rgb(97, 144, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 144, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 144, 140);  
box-shadow:4px 4px 4px 4px rgb(97, 144,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6366, 24.3814, 28.4821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 144, 140) }
```

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

```
.background{ background-color: rgb(97, 144,  
140) }
```

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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