

Converting Colors

XYZ(18.8378, 24.8621, 19.1352)

Have a look what the booklet for
XYZ(18.8378, 24.8621, 19.1352)
contains.

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Color

**XYZ(18.8378, 24.8621,
19.1352)**

Conversions

Conversions Part 1

Format	Color
Hex	669370
RGB	102, 147, 112
RGB Percent	40%, 58%, 44%
CMY	0.6000, 0.4235, 0.5608
CMYK	0.31, 0.00, 0.24, 0.42
HSL	133°, 18%, 49%
HSV	133°, 31%, 58%
XYZ	18.8378, 24.8621, 19.1352
YIQ	129.5550, -15.5850, -20.4250

Conversions

Conversions Part 2

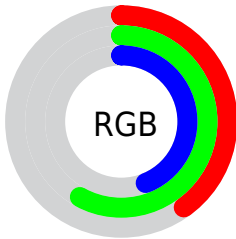
Format	Color
RYB	102, 139, 147
Decimal	6722416
CIELab	56.94, -22.88, 13.73
CIELCh	57, 26.686, 149.027
Yxy	24.8621, 0.2998, 0.3957
Android (android.graphics.Color)	4284912496 (0xFF669370)
YUV	129.5550, -8.6546, -24.1657
Hunter-Lab	49.8619, -19.8211, 12.1500

Details

The XYZ color **18.8378, 24.8621, 19.1352** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.3002, 17.5124, 25.9254**, and the grayscale version is **21.0951, 22.1936, 24.1689**.

A 20% lighter version of the original color is **40.9139, 51.3236, 42.8720**, and **6.5765, 9.4928, 6.3362** is the 20% darker color. If you saturate the color by 10%, you get **16.7206, 23.8403, 15.9215**, and if you desaturate by 10%, it is **21.3326, 26.0706, 22.7897**.

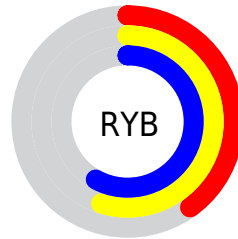
Distribution



Red (40%)

Green (58%)

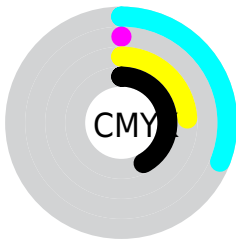
Blue (44%)



Red (40%)

Yellow (55%)

Blue (58%)

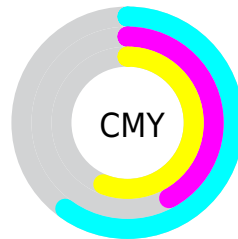


Cyan (31%)

Magenta (0%)

Yellow (24%)

Black (42%)



Cyan (60%)

Magenta (42%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8378, 24.8621, 19.1352 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 18.8378, 24.8621, 19.1352 by changing the saturation by 10% instead.

■ 18.8378, 24.8621,
19.1352

■ 18.8378, 24.8621,
19.1352

238.5072,
277.1505, 259.6417

■ 11.6564, 15.9743,
11.5902

■ 40.9788, 51.4334,
42.8022

■ 6.5807, 9.5060,
6.3462

■ 56.6692, 69.8858,
59.7612

■ 3.2453, 5.0727,
2.9845

■ 75.9267, 92.2951,
80.6954

■ 1.2848, 2.2900,
1.0867

■ 99.1165, 119.0459,
106.0232

■ 0.1718, 0.7684,
0.0000

126.6042,
150.5224, 136.1632

■ 0.0000, 0.0000,
0.0000

158.7549,

187.1090, 171.5339

195.9341,
229.1903, 212.5539

■ 18.8378, 24.8621,
19.1352

■ 18.8378, 24.8621,
19.1352

■ 16.7206, 23.8403,
15.9215

■ 21.3326, 26.0706,
22.7897

■ 14.9605, 22.9929,
13.1303

■ 24.2204, 27.4714,
26.8990

■ 13.5377, 22.3108,
10.7445

■ 27.5181, 29.0735,
31.4788

■ 12.4301, 21.7829,
8.7450

■ 31.2410, 30.8845,
36.5432

■ 11.6125, 21.3967,
7.1115

■ 35.4036, 32.9115,
42.1059

■ 11.0556, 21.1376,
5.8214

■ 40.0198, 35.1616,
48.1801

■ 10.7041, 20.9764,
4.8993

■ 45.1027, 37.6411,
54.7784

■ 50.6650, 40.3565,
61.9130

■ 56.7189, 43.3136,
69.5956

Harmonies

Analogous

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



20.8296, 24.8621, 14.6252



18.8378, 24.8621, 19.1352



18.1105, 24.8621, 26.7790

Triad

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



18.8378, 24.8621, 19.1352



23.5287, 24.8621, 48.2153



29.2922, 24.8621, 19.5402

Complementary

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



18.8378, 24.8621, 19.1352



21.3002, 17.5124, 25.9254

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.



30.1721, 24.8621, 27.3643



18.8378, 24.8621, 19.1352



26.6723, 24.8621, 45.1076

Square

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



18.8378, 24.8621, 19.1352



20.6673, 24.8621, 44.6976



29.1745, 24.8621, 36.9430



26.8646, 24.8621, 14.8202

Rectangle

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



18.8378, 24.8621, 19.1352



18.3864, 24.8621, 33.0864



29.1745, 24.8621, 36.9430



29.7878, 24.8621, 21.8321

Sweetspot

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



18.8385, 24.8631, 19.1358



44.1714, 49.5826, 49.2895



23.1905, 27.1675, 16.5921



9.9123, 11.2355, 11.0117



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.8385, 24.8631, 19.1358



30.9580, 43.1824, 30.0753



20.2345, 25.4215, 26.4871



5.7792, 6.4883, 6.4484



9.2876, 18.1878, 4.2900



0.1231, 0.2264, 0.1023

Inverse Universe

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



21.3002, 17.5124, 25.9254



36.1136, 27.7751, 44.2859



19.8648, 16.9383, 18.3671



5.9807, 5.8874, 7.0046



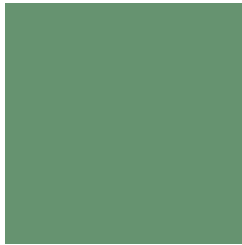
13.0907, 6.4414, 14.4907



0.1711, 0.0832, 0.2349

Previews

White Background



This preview shows how the XYZ color 18.8378, 24.8621, 19.1352 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 18.8378, 24.8621, 19.1352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

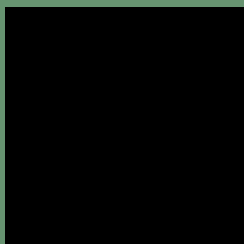
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.8378, 24.8621, 19.1352

Background



This preview shows how black text looks on a background with the XYZ color 18.8378, 24.8621, 19.1352.



This preview shows how white text looks on a background with the XYZ color 18.8378, 24.8621, 19.1352.

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

18.8378, 24.8621, 19.1352

Protanopia

23.1351, 24.6896, 17.4561

Deuteranopia

25.1154, 24.6385, 19.6516



Tritanopia

21.8532, 24.9609, 33.8031

Trichromacy



Original Color

18.8378, 24.8621, 19.1352

Protanomaly

21.1917, 24.5274, 18.0853

Deuteranomaly

22.2995, 24.4246, 19.4587

Tritanomaly

20.6241, 24.9073, 27.7653

Monochromacy



Original Color

18.8378, 24.8621, 19.1352

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.1250, 23.0314, 22.1237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8378, 24.8621, 19.1352 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(102, 147, 112)` looks like.

```
.text, #text, p{  
    color:rgb(102, 147, 112)  
}
```

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(102, 147, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 147, 112) }
```

Border

The CSS property to change the border of an element to XYZ 18.8378, 24.8621, 19.1352 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(102, 147, 112) }
```


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

```
.border{ border-color:rgb(102, 147, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 147, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 147, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 147, 112);  
box-shadow:4px 4px 4px 4px rgb(102, 147,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8378, 24.8621, 19.1352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 147, 112) }
```

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

```
.background{ background-color: rgb(102,  
147, 112) }
```

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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