

Converting Colors

XYZ(25.4101, 19.1618, 18.9999)

Have a look what the booklet for
XYZ(25.4101, 19.1618, 18.9999)
contains.

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Color

**XYZ(25.4246, 19.2264,
18.8940)**

Conversions

Conversions Part 1

Format	Color
Hex	B06274
RGB	176, 98, 116
RGB Percent	69%, 38%, 45%
CMY	0.3098, 0.6157, 0.5451
CMYK	0.00, 0.44, 0.34, 0.31
HSL	346°, 33%, 54%
HSV	346°, 44%, 69%
XYZ	25.4246, 19.2264, 18.8940
YIQ	123.3740, 40.7100, 22.1340

Conversions

Conversions Part 2

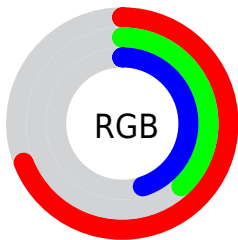
Format	Color
RYB	176, 98, 116
Decimal	11559540
CIELab	50.95, 33.58, 3.88
CIELCh	51, 33.804, 6.589
Yxy	19.2264, 0.4001, 0.3026
Android (android.graphics.Color)	4289749620 (0xFFB06274)
YUV	123.3740, -3.6354, 46.1530
Hunter-Lab	43.8479, 26.7669, 5.1456

Details

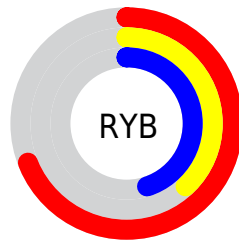
The XYZ color **25.4246, 19.2264, 18.8940** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.7349, 36.1165, 37.9119**, and the grayscale version is **18.9530, 19.9400, 21.7147**.

A 20% lighter version of the original color is **51.9059, 42.1323, 42.4424**, and **10.0269, 6.6789, 6.2295** is the 20% darker color. If you saturate the color by 10%, you get **23.2242, 15.9954, 14.5540**, and if you desaturate by 10%, it is **28.1029, 23.2294, 23.9600**.

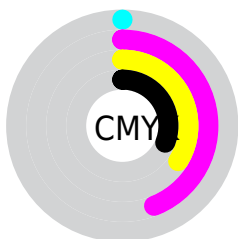
Distribution



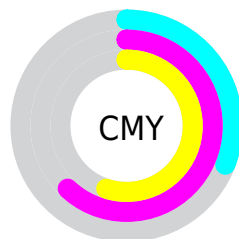
- Red (69%)
- Green (38%)
- Blue (45%)



- Red (69%)
- Yellow (38%)
- Blue (45%)



- Cyan (0%)
- Magenta (44%)
- Yellow (34%)
- Black (31%)





- Cyan (31%)
- Magenta (62%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4246, 19.2264, 18.8940 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 25.4246, 19.2264, 18.8940 by changing the saturation by 10% instead.


 25.4246, 19.2264,
18.8940


 25.4246, 19.2264,
18.8940

272.2547,
247.6958, 258.2662

 16.5241, 11.8340,
11.4177


 51.7832, 42.1163,
42.3892


 9.9890, 6.6307,
6.2308


 69.9719, 58.3826,
59.2452

 5.4538, 3.2323,
2.9149

 91.9875, 78.3756,
80.0648

 2.5534, 1.2542,
1.0513

 118.1952,
102.4798, 105.2666

 0.9223, 0.1053,
0.0000

148.9604,
131.0795, 135.2690

 0.0000, 0.0000,
0.0000

184.6485,

164.5591, 170.4908

225.6248,
203.3031, 211.3503

■ 25.4246, 19.2264,
18.8940

■ 25.4246, 19.2264,
18.8940

■ 23.2242, 15.9954,
14.5540

■ 28.1029, 23.2294,
23.9600

■ 21.4712, 13.4835,
10.9050

■ 31.2841, 28.0469,
29.7827

■ 20.1339, 11.6358,
7.9103


■ 34.9930, 33.7219,
36.3923


■ 19.1757, 10.3881,
5.5294


■ 39.2527, 40.2934,
43.8168

■ 18.5530, 9.6633,
3.7167


■ 44.0845, 47.7980,
52.0832

 18.2980, 9.3875,
2.9097

 49.5087, 56.2703,
61.2169

 55.5448, 65.7432,
71.2423

 62.2112, 76.2479,
82.1830

 69.0757, 86.9146,
93.9115

Harmonies

Analogous

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



24.8234, 19.2264, 29.1248



25.4246, 19.2264, 18.8940



23.9305, 19.2264, 11.7739

Triad

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



25.4246, 19.2264, 18.8940



14.7073, 19.2264, 9.3673



15.8395, 19.2264, 42.7537

Complementary

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



25.4246, 19.2264, 18.8940



26.7349, 36.1165, 37.9119

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.



13.5876, 19.2264, 33.9219



25.4246, 19.2264, 18.8940



12.9918, 19.2264, 14.4442

Square

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



25.4246, 19.2264, 18.8940



17.5471, 19.2264, 7.4638



12.6083, 19.2264, 23.1164



19.0210, 19.2264, 45.0346

Rectangle

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



25.4246, 19.2264, 18.8940



22.0432, 19.2264, 9.0292



12.6083, 19.2264, 23.1164



14.9612, 19.2264, 40.3451

Sweetspot

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



25.4251, 19.2274, 18.8944



64.2570, 62.3769, 67.3959



26.2661, 19.1198, 43.3806



13.5866, 12.9973, 14.0087



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.4251, 19.2274, 18.8944



42.2602, 29.2126, 26.6776



26.6829, 23.2590, 14.6395



8.5740, 8.5363, 9.2553



13.4447, 6.8955, 2.2360



0.4456, 0.2260, 0.1891

Inverse Universe

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



25.4251, 19.2274, 18.8944



42.2602, 29.2126, 26.6776



24.6289, 29.2414, 45.4206



8.5740, 8.5363, 9.2553



13.4447, 6.8955, 2.2360



0.4456, 0.2260, 0.1891

Previews

White Background



This preview shows how the XYZ color 25.4246, 19.2264, 18.8940 looks on a white background.

Color Contrast Check

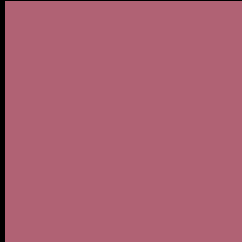
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4246, 19.2264, 18.8940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

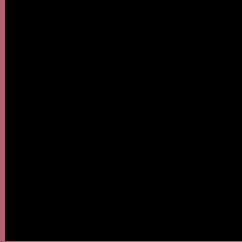
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4246, 19.2264, 18.8940

Background



This preview shows how black text looks on a background with the XYZ color 25.4246, 19.2264, 18.8940.



This preview shows how white text looks on a background with the XYZ color 25.4246, 19.2264,

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

25.4246, 19.2264, 18.8940

Protanopia

18.8259, 19.3973, 23.5207

Deuteranopia

19.7756, 19.4675, 18.3381



Tritanopia

24.8902, 19.2898, 16.3214

Trichromacy



Original Color

25.4246, 19.2264, 18.8940

Protanomaly

20.6985, 19.0163, 21.6484

Deuteranomaly

21.4842, 19.1631, 18.4861

Tritanomaly

24.9555, 19.1634, 17.1355

Monochromacy



Original Color

25.4246, 19.2264, 18.8940

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.5628, 19.1415, 20.3802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4246, 19.2264, 18.8940 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(176, 98, 116)` looks like.

```
.text, #text, p{  
    color:rgb(176, 98, 116)  
}
```

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(176, 98, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 98, 116) }
```

Border

The CSS property to change the border of an element to XYZ 25.4246, 19.2264, 18.8940 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(176, 98, 116) }
```


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

```
.border{ border-color:rgb(176, 98, 116) }
```

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

Here you see how a box with a 4 pixel rgb(176, 98, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 98, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 98, 116);  
box-shadow:4px 4px 4px 4px rgb(176, 98,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4246, 19.2264, 18.8940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 98, 116) }
```

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

```
.background{ background-color: rgb(176, 98,  
116) }
```

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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