

Converting Colors

XYZ(18.3502, 24.9225, 16.3071)

Have a look what the booklet for
XYZ(18.3502, 24.9225, 16.3071)
contains.

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Color

**XYZ(18.3550, 24.9058,
16.4103)**

Conversions

Conversions Part 1

Format	Color
Hex	659466
RGB	101, 148, 102
RGB Percent	40%, 58%, 40%
CMY	0.6039, 0.4196, 0.6000
CMYK	0.32, 0.00, 0.31, 0.42
HSL	121°, 19%, 49%
HSV	121°, 32%, 58%
XYZ	18.3550, 24.9058, 16.4103
YIQ	128.7030, -13.2460, -24.2700

Conversions

Conversions Part 2

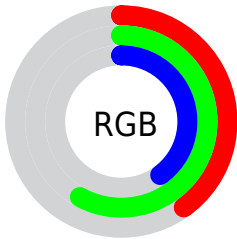
Format	Color
R_{YB}	101, 147, 148
Decimal	6657126
CIE _{Lab}	56.98, -25.58, 19.40
CIE _{LCh}	57, 32.102, 142.821
Yxy	24.9058, 0.3076, 0.4174
Android (android.graphics.Color)	4284847206 (0xFF659466)
YUV	128.7030, -13.1646, -24.2955
Hunter-Lab	49.9057, -21.6838, 15.4379

Details

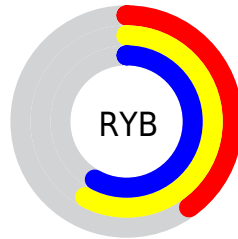
The XYZ color **18.3550, 24.9058, 16.4103** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.1337, 17.7103, 29.8565**, and the grayscale version is **20.8108, 21.8945, 23.8431**.

A 20% lighter version of the original color is **40.0072, 51.3133, 37.9328**, and **6.3805, 9.5553, 5.1225** is the 20% darker color. If you saturate the color by 10%, you get **16.1881, 23.8653, 12.8811**, and if you desaturate by 10%, it is **20.9472, 26.1525, 20.6157**.

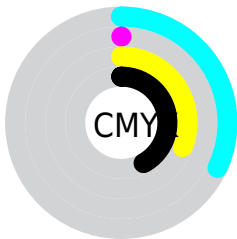
Distribution



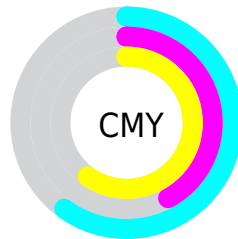
- Red (40%)
- Green (58%)
- Blue (40%)



- Red (40%)
- Yellow (58%)
- Blue (58%)



- Cyan (32%)
- Magenta (0%)
- Yellow (31%)
- Black (42%)



- Cyan (60%)
- Magenta (42%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3550, 24.9058, 16.4103 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 18.3550, 24.9058, 16.4103 by changing the saturation by 10% instead.

■ 18.3550, 24.9058,
16.4103

■ 18.3550, 24.9058,
16.4103

235.8715,
277.3685, 243.6786

■ 11.3064, 16.0069,
9.6575

■ 40.1667, 51.5044,
38.0857

■ 6.3421, 9.5290,
5.0698

■ 55.6604, 69.9728,
53.8454

■ 3.0968, 5.0878,
2.2288

■ 74.7000, 92.3999,
73.4444

■ 1.2052, 2.2989,
0.6909

■ 97.6506, 119.1700,
97.3013

■ 0.1104, 0.7731,
0.0000

124.8778,
150.6675, 125.8346

■ 0.0000, 0.0000,
0.0000

156.7467,

187.2768, 159.4629

193.6229,
229.3824, 198.6047

■ 18.3550, 24.9058,
16.4103

■ 18.3550, 24.9058,
16.4103

■ 16.1881, 23.8653,
12.8811

■ 20.9472, 26.1525,
20.6157

■ 14.4220, 23.0170,
9.9914

■ 23.9836, 27.6122,
25.5284

■ 13.0327, 22.3500,
7.7033


■ 27.4845, 29.2955,
31.1792


■ 11.9928, 21.8511,
5.9745


■ 31.4681, 31.2112,
37.5970


■ 11.2713, 21.5054,
4.7570


■ 35.9518, 33.3677,
44.8089

 10.8317, 21.2951,
3.9948

 40.9521, 35.7728,
52.8407

 10.6077, 21.1877,
3.6211

 46.4847, 38.4343,
61.7172

 52.5648, 41.3593,
71.4619

 59.2067, 44.5548,
82.0976

Harmonies

Analogous

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



20.9713, 24.9058, 12.1340



18.3550, 24.9058, 16.4103



17.1856, 24.9058, 24.6063

Triad

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



18.3550, 24.9058, 16.4103



22.7781, 24.9058, 53.3617



30.9998, 24.9058, 19.8387

Complementary

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



18.3550, 24.9058, 16.4103



22.1337, 17.7103, 29.8565

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.



31.6148, 24.9058, 29.7954



18.3550, 24.9058, 16.4103



26.5956, 24.9058, 51.0988

Square

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



18.3550, 24.9058, 16.4103



19.5574, 24.9058, 47.2432



29.9283, 24.9058, 41.6932



28.3272, 24.9058, 13.7155

Rectangle

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



18.3550, 24.9058, 16.4103



17.2858, 24.9058, 31.9893



29.9283, 24.9058, 41.6932



31.4648, 24.9058, 22.7685

Sweetspot

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



18.3556, 24.9069, 16.4109



43.2237, 49.1546, 46.5079



25.0114, 28.3437, 16.4647



9.6969, 11.1391, 10.3419



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.



18.3556, 24.9069, 16.4109



29.6325, 42.6217, 24.4734



19.6772, 25.4355, 23.3702



5.7343, 6.4703, 6.2117



9.0616, 18.0974, 3.0998



0.1119, 0.2219, 0.0432

Inverse Universe

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



22.1337, 17.7103, 29.8565



37.3569, 27.9062, 51.9623



20.4874, 17.0518, 21.1871



6.0300, 5.9071, 7.2643



14.7885, 7.1205, 23.4310



0.1824, 0.0877, 0.2940

Previews

White Background



This preview shows how the XYZ color 18.3550, 24.9058, 16.4103 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 18.3550, 24.9058, 16.4103 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 18.3550, 24.9058, 16.4103

Background



This preview shows how black text looks on a background with the XYZ color 18.3550, 24.9058, 16.4103.



This preview shows how white text looks on a background with the XYZ color 18.3550, 24.9058,

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

18.3550, 24.9058, 16.4103

Protanopia

22.9944, 24.6744, 14.8600

Deuteranopia

25.2150, 24.7468, 17.0833



Tritanopia

21.8532, 24.9609, 33.8031

Trichromacy



Original Color

18.3550, 24.9058, 16.4103

Protanomaly

20.8361, 24.4028, 15.4164

Deuteranomaly

22.1429, 24.4002, 16.9073

Tritanomaly

20.3397, 24.7935, 26.2679

Monochromacy



Original Color

18.3550, 24.9058, 16.4103

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.7417, 22.8622, 20.8251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3550, 24.9058, 16.4103 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(101, 148, 102)` looks like.

```
.text, #text, p{  
    color:rgb(101, 148, 102)  
}
```

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(101, 148, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 148, 102) }
```

Border

The CSS property to change the border of an element to XYZ 18.3550, 24.9058, 16.4103 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(101, 148, 102) }
```


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

```
.border{ border-color:rgb(101, 148, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 148, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 148, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 148, 102);  
box-shadow:4px 4px 4px 4px rgb(101, 148,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3550, 24.9058, 16.4103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 148, 102) }
```

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

```
.background{ background-color: rgb(101,  
148, 102) }
```

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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