

Converting Colors

XYZ(18.0370, 24.0939, 24.7257)

Have a look what the booklet for
XYZ(18.0370, 24.0939, 24.7257)
contains.

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Color

**XYZ(18.0545, 24.1008,
24.8194)**

Conversions

Conversions Part 1

Format	Color
Hex	559282
RGB	85, 146, 130
RGB Percent	33%, 57%, 51%
CMY	0.6667, 0.4274, 0.4902
CMYK	0.42, 0.00, 0.11, 0.43
HSL	164°, 26%, 45%
HSV	164°, 42%, 57%
XYZ	18.0545, 24.1008, 24.8194
YIQ	125.9370, -31.2200, -17.9080

Conversions

Conversions Part 2

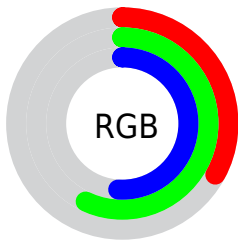
Format	Color
RYB	85, 120, 146
Decimal	5608066
CIELab	56.19, -23.74, 2.29
CIELCh	56, 23.847, 174.488
Yxy	24.1008, 0.2696, 0.3598
Android (android.graphics.Color)	4283798146 (0xFF559282)
YUV	125.9370, 2.0031, -35.9017
Hunter-Lab	49.0926, -20.2660, 4.3899

Details

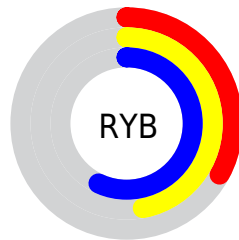
The XYZ color **18.0545, 24.1008, 24.8194** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.4524, 13.5483, 14.0082**, and the grayscale version is **19.8114, 20.8431, 22.6982**.

A 20% lighter version of the original color is **39.6828, 50.1307, 52.3844**, and **6.2046, 9.1018, 9.2144** is the 20% darker color. If you saturate the color by 10%, you get **16.6112, 23.3865, 23.4351**, and if you desaturate by 10%, it is **19.7823, 24.9619, 26.2680**.

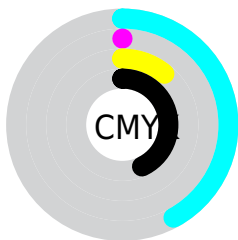
Distribution



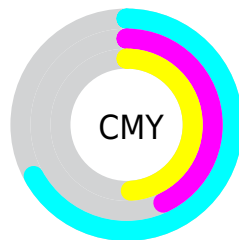
- Red (33%)
- Green (57%)
- Blue (51%)



- Red (33%)
- Yellow (47%)
- Blue (57%)



- Cyan (42%)
- Magenta (0%)
- Yellow (11%)
- Black (43%)



- Cyan (67%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0545, 24.1008, 24.8194 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 18.0545, 24.1008, 24.8194 by changing the saturation by 10% instead.

■ 18.0545, 24.1008,
24.8194

■ 18.0545, 24.1008,
24.8194

234.2177,
273.3297, 290.3562

■ 11.0890, 15.4084,
15.7248

■ 39.6595, 50.1946,
52.3246

■ 6.1945, 9.1065,
9.1774

■ 55.0298, 68.3649,
71.5722

■ 3.0055, 4.8107,
4.7587

■ 73.9324, 90.4632,
95.0412

■ 1.1567, 2.1366,
2.0501

■ 96.7327, 116.8740,
123.1501

■ 0.0717, 0.6851,
0.5858

■ 123.7960,
147.9816, 156.3176

■ 0.0000, 0.0000,
0.0000

155.4877,

184.1705, 194.9620

192.1732,
225.8251, 239.5020

■ 18.0545, 24.1008,
24.8194

■ 18.0545, 24.1008,
24.8194

■ 16.6112, 23.3865,
23.4351

■ 19.7823, 24.9619,
26.2680

■ 15.4332, 22.8073,
22.1122

■ 21.8081, 25.9748,
27.7805

■ 14.5023, 22.3544,
20.8497

■ 24.1471, 27.1481,
29.3587

■ 13.7970, 22.0167,
19.6461

■ 26.8126, 28.4886,
31.0037

■ 13.2920, 21.7812,
18.4996

■ 29.8175, 30.0029,
32.7166

■ 12.9703, 21.6350,
17.5970

■ 33.1737, 31.6971,
34.4984

■ 36.8925, 33.5771,
36.3503

■ 40.9850, 35.6485,
38.2731

■ 45.4615, 37.9167,
40.2679

Harmonies

Analogous

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



18.8819, 24.1008, 18.4191



18.0545, 24.1008, 24.8194



18.4407, 24.1008, 33.0035

Triad

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



18.0545, 24.1008, 24.8194



25.1602, 24.1008, 42.5007



26.1046, 24.1008, 15.7792

Complementary

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



18.0545, 24.1008, 24.8194



17.4524, 13.5483, 14.0082

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.



28.0421, 24.1008, 20.4729



18.0545, 24.1008, 24.8194



27.4671, 24.1008, 36.0144

Square

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



18.0545, 24.1008, 24.8194



22.4049, 24.1008, 44.3006



28.5595, 24.1008, 27.7173



23.4167, 24.1008, 13.9093

Rectangle

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



18.0545, 24.1008, 24.8194



19.3515, 24.1008, 38.2942



28.5595, 24.1008, 27.7173



26.8735, 24.1008, 17.0275

Sweetspot

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



18.0552, 24.1018, 24.8200



41.9488, 47.5651, 51.3697



17.3161, 23.9968, 12.3140



9.1416, 10.4858, 11.3023



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.



18.0552, 24.1018, 24.8200



29.4815, 41.3430, 41.5244



17.1551, 20.4469, 30.2377



5.8998, 6.5365, 7.0833



11.4229, 19.0420, 15.5344



0.1519, 0.2379, 0.2540

Inverse Universe

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



17.4524, 13.5483, 14.0082



28.2816, 20.1826, 19.8893



17.9786, 15.7356, 10.6845



5.8596, 5.8389, 6.3665



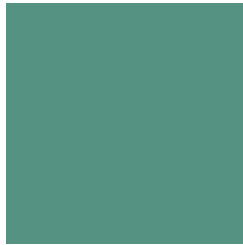
10.7520, 5.5058, 2.1749



0.1423, 0.0717, 0.0832

Previews

White Background



This preview shows how the XYZ color 18.0545, 24.1008, 24.8194 looks on a white background.

Color Contrast Check

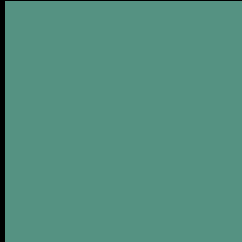
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0545, 24.1008, 24.8194 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 18.0545, 24.1008, 24.8194

Background



This preview shows how black text looks on a background with the XYZ color 18.0545, 24.1008, 24.8194.

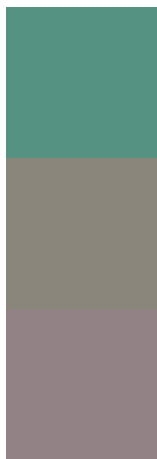


This preview shows how white text looks on a background with the XYZ color 18.0545, 24.1008,

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

18.0545, 24.1008, 24.8194

Protanopia

22.7477, 23.9692, 22.1665

Deuteranopia

24.2489, 23.8618, 25.5180



Tritanopia

19.9696, 24.2022, 34.1908

Trichromacy



Original Color

18.0545, 24.1008, 24.8194

Protanomaly

20.4621, 23.6053, 23.2165

Deuteranomaly

21.2812, 23.5593, 25.2556

Tritanomaly

19.2039, 24.1147, 30.4305

Monochromacy



Original Color

18.0545, 24.1008, 24.8194

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.7738, 21.6869, 23.2752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0545, 24.1008, 24.8194 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(85, 146, 130)` looks like.

```
.text, #text, p{  
    color:rgb(85, 146, 130)  
}
```

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(85, 146, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 146, 130) }
```

Border

The CSS property to change the border of an element to XYZ 18.0545, 24.1008, 24.8194 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(85, 146, 130) }
```


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

```
.border{ border-color:rgb(85, 146, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 146, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 146, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 146, 130);  
box-shadow:4px 4px 4px 4px rgb(85, 146,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0545, 24.1008, 24.8194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 146, 130) }
```

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

```
.background{ background-color: rgb(85, 146,  
130) }
```

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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