

Converting Colors

XYZ(18.8739, 24.4065, 30.1582)

Have a look what the booklet for
XYZ(18.8739, 24.4065, 30.1582)
contains.

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Color

**XYZ(18.8802, 24.4104,
30.1021)**

Conversions

Conversions Part 1

Format	Color
Hex	539290
RGB	83, 146, 144
RGB Percent	33%, 57%, 56%
CMY	0.6745, 0.4274, 0.4353
CMYK	0.43, 0.00, 0.01, 0.43
HSL	178°, 28%, 45%
HSV	178°, 43%, 57%
XYZ	18.8802, 24.4104, 30.1021
YIQ	126.9350, -36.9060, -13.9780

Conversions

Conversions Part 2

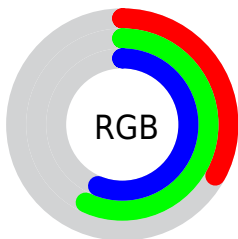
Format	Color
RYB	83, 115, 146
Decimal	5477008
CIELab	56.50, -20.75, -5.30
CIELCh	56, 21.412, 194.319
Yxy	24.4104, 0.2572, 0.3326
Android (android.graphics.Color)	4283667088 (0xFF539290)
YUV	126.9350, 8.4130, -38.5310
Hunter-Lab	49.4069, -18.2506, -1.5388

Details

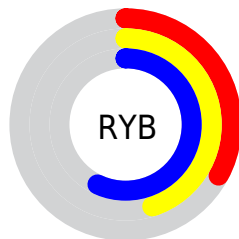
The XYZ color **18.8802, 24.4104, 30.1021** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.5879, 12.9541, 10.2213**, and the grayscale version is **20.1322, 21.1806, 23.0657**.

A 20% lighter version of the original color is **41.0007, 50.6200, 61.0358**, and **6.5915, 9.2394, 12.0257** is the 20% darker color. If you saturate the color by 10%, you get **17.6901, 23.8015, 29.8622**, and if you desaturate by 10%, it is **20.3432, 25.1611, 30.3566**.

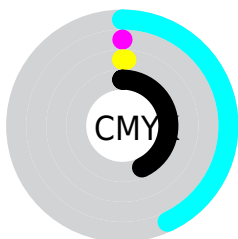
Distribution



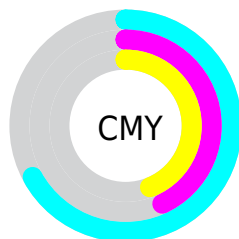
- Red (33%)
- Green (57%)
- Blue (56%)



- Red (33%)
- Yellow (45%)
- Blue (57%)



- Cyan (43%)
- Magenta (0%)
- Yellow (1%)
- Black (43%)



- Cyan (67%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8802, 24.4104, 30.1021 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 18.8802, 24.4104, 30.1021 by changing the saturation by 10% instead.

■ 18.8802, 24.4104,
30.1021

■ 18.8802, 24.4104,
30.1021

238.7374,
274.8888, 316.6022

■ 11.6872, 15.6383,
19.6634

■ 41.0500, 50.6991,
60.8865

■ 6.6018, 9.2686,
11.9690

■ 56.7576, 68.9845,
82.0693

■ 3.2584, 4.9168,
6.6003

■ 76.0340, 91.2098,
107.6705

■ 1.2918, 2.1985,
3.1388

■ 99.2448, 117.7594,
138.1087

■ 0.1771, 0.7192,
1.1659

■ 126.7551,
149.0178, 173.8025

■ 0.0000, 0.0000,
0.0000

158.9304,

185.3692, 215.1703

196.1361,
227.1980, 262.6307

■ 18.8802, 24.4104,
30.1021

■ 18.8802, 24.4104,
30.1021

■ 17.6901, 23.8015,
29.8622

■ 20.3432, 25.1611,
30.3566

■ 16.7535, 23.3228,
29.6344

■ 22.0926, 26.0588,
30.6247

■ 16.0520, 22.9652,
29.4184

■ 24.1436, 27.1120,
30.9077

■ 15.5639, 22.7176,
29.2131

■ 26.5097, 28.3276,
31.2062

■ 15.2631, 22.5666,
29.0173

■ 29.2036, 29.7122,
31.5208

■ 15.1141, 22.4925,
28.8863

■ 32.2373, 31.2720,
31.8521

■ 35.6222, 33.0127,
32.2006

■ 39.3691, 34.9401,
32.5668

■ 43.4885, 37.0595,
32.9512

Harmonies

Analogous

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



18.9058, 24.4104, 23.0553



18.8802, 24.4104, 30.1021



19.9536, 24.4104, 37.3094

Triad

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



18.8802, 24.4104, 30.1021



26.6955, 24.4104, 37.5979



24.5144, 24.4104, 15.4778

Complementary

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



18.8802, 24.4104, 30.1021



16.5879, 12.9541, 10.2213

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.



26.7836, 24.4104, 18.1324



18.8802, 24.4104, 30.1021



28.1028, 24.4104, 30.4441

Square

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



18.8802, 24.4104, 30.1021



24.4010, 24.4104, 42.1317



28.1361, 24.4104, 23.3417



22.0417, 24.4104, 15.4192

Rectangle

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



18.8802, 24.4104, 30.1021



21.1953, 24.4104, 40.8868



28.1361, 24.4104, 23.3417



25.3302, 24.4104, 16.0716

Sweetspot

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



18.8809, 24.4114, 30.1027



42.5464, 47.8042, 54.5168



15.5964, 23.1193, 11.8246



9.2941, 10.5468, 12.1051



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.



18.8809, 24.4114, 30.1027



31.2244, 41.9963, 52.6823



15.0711, 16.5447, 29.5943



5.9562, 6.5591, 7.3804



13.3016, 19.7934, 25.4276



0.1648, 0.2431, 0.3218

Inverse Universe

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



16.5879, 12.9541, 10.2213



26.6235, 18.9930, 12.7806



19.2547, 18.4132, 10.7234



5.8078, 5.8182, 6.0941



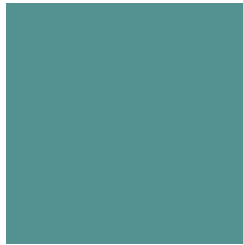
10.4556, 5.3873, 0.6144



0.1295, 0.0665, 0.0153

Previews

White Background



This preview shows how the XYZ color 18.8802, 24.4104, 30.1021 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 18.8802, 24.4104, 30.1021 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

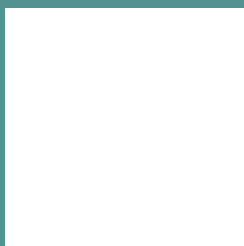
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.8802, 24.4104, 30.1021

Background



This preview shows how black text looks on a background with the XYZ color 18.8802, 24.4104, 30.1021.



This preview shows how white text looks on a background with the XYZ color 18.8802, 24.4104,

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

18.8802, 24.4104, 30.1021

Protanopia

23.3570, 24.1747, 27.1020

Deuteranopia

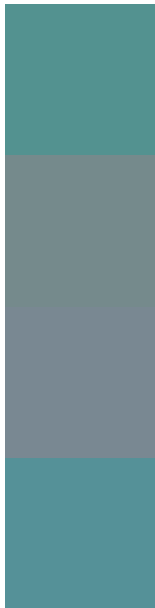
24.5381, 24.0900, 30.9603



Tritanopia

19.8118, 24.3253, 35.1035

Trichromacy



Original Color

18.8802, 24.4104, 30.1021

Protanomaly

21.1582, 23.8523, 28.2997

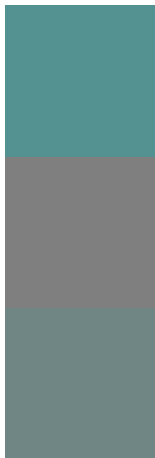
Deuteranomaly

21.8776, 23.7486, 30.6250

Tritanomaly

19.5392, 24.4491, 33.3951

Monochromacy



Original Color

18.8802, 24.4104, 30.1021

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.3143, 22.1232, 25.4425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8802, 24.4104, 30.1021 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(83, 146, 144)` looks like.

```
.text, #text, p{  
  color:rgb(83, 146, 144)  
}
```

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(83, 146, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 146, 144) }
```

Border

The CSS property to change the border of an element to XYZ 18.8802, 24.4104, 30.1021 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(83, 146, 144) }
```


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

```
.border{ border-color:rgb(83, 146, 144) }
```

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

Here you see how a box with a 4 pixel rgb(83, 146, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 146, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 146, 144);  
box-shadow:4px 4px 4px 4px rgb(83, 146,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8802, 24.4104, 30.1021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 146, 144) }
```

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

```
.background{ background-color: rgb(83, 146,  
144) }
```

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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