

Converting Colors

XYZ(17.7105, 24.2566, 18.9552)

Have a look what the booklet for
XYZ(17.7105, 24.2566, 18.9552)
contains.

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Color

**XYZ(17.7720, 24.3126,
19.0854)**

Conversions

Conversions Part 1

Format	Color
Hex	5C9370
RGB	92, 147, 112
RGB Percent	36%, 58%, 44%
CMY	0.6392, 0.4235, 0.5608
CMYK	0.37, 0.00, 0.24, 0.42
HSL	142°, 23%, 47%
HSV	142°, 37%, 58%
XYZ	17.7720, 24.3126, 19.0854
YIQ	126.5650, -21.5450, -22.5450

Conversions

Conversions Part 2

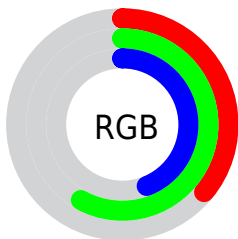
Format	Color
R _Y B	92, 132, 147
Decimal	6067056
CIE Lab	56.40, -26.15, 12.90
CIE LCh	56, 29.159, 153.749
Yxy	24.3126, 0.2905, 0.3975
Android (android.graphics.Color)	4284257136 (0xFF5C9370)
YUV	126.5650, -7.1805, -30.3135
Hunter-Lab	49.3078, -21.9520, 11.5663

Details

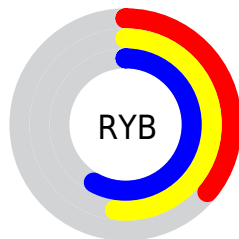
The XYZ color **17.7720, 24.3126, 19.0854** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.6913, 15.3902, 22.0124**, and the grayscale version is **20.0534, 21.0977, 22.9754**.

A 20% lighter version of the original color is **39.0891, 50.3829, 42.7866**, and **6.0631, 9.2281, 6.3121** is the 20% darker color. If you saturate the color by 10%, you get **15.9496, 23.4309, 16.4212**, and if you desaturate by 10%, it is **19.9348, 25.3649, 22.0492**.

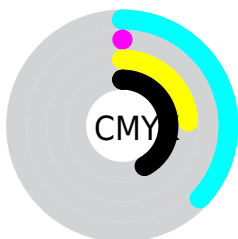
Distribution



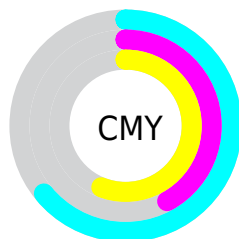
- Red (36%)
- Green (58%)
- Blue (44%)



- Red (36%)
- Yellow (52%)
- Blue (58%)



- Cyan (37%)
- Magenta (0%)
- Yellow (24%)
- Black (42%)



- Cyan (64%)
- Magenta (42%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7720, 24.3126, 19.0854 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 17.7720, 24.3126, 19.0854 by changing the saturation by 10% instead.

■ 17.7720, 24.3126,
19.0854

■ 17.7720, 24.3126,
19.0854

232.6533,
274.3971, 259.3582

■ 10.8851, 15.5657,
11.5546

■ 39.1816, 50.5398,
42.7170

■ 6.0564, 9.2173,
6.3223

■ 54.4350, 68.7889,
59.6548

■ 2.9204, 4.8832,
2.9701

■ 73.2079, 90.9742,
80.5654

■ 1.1118, 2.1789,
1.0794

■ 95.8658, 117.4801,
105.8672

■ 0.0349, 0.7085,
0.0000

122.7739,
148.6909, 135.9789

■ 0.0000, 0.0000,
0.0000

154.2976,

184.9911, 171.3189

190.8023,
226.7650, 212.3058

■ 17.7720, 24.3126,
19.0854

■ 17.7720, 24.3126,
19.0854

■ 15.9496, 23.4309,
16.4212

■ 19.9348, 25.3649,
22.0492

■ 14.4474, 22.7075,
14.0453

■ 22.4530, 26.5933,
25.3199

■ 13.2462, 22.1334,
11.9486


■ 25.3426, 28.0065,
28.9066


■ 12.3235, 21.6973,
10.1203


■ 28.6185, 29.6122,
32.8176


■ 11.6538, 21.3861,
8.5493


■ 32.2946, 31.4171,
37.0609

 11.1924, 21.1771,
7.2227

 36.3839, 33.4281,
41.6442

 11.0873, 21.1296,
6.9173

 40.8992, 35.6513,
46.5748

 45.8523, 38.0929,
51.8601

 51.2550, 40.7587,
57.5068

Harmonies

Analogous

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



19.6932, 24.3126, 13.8490



17.7720, 24.3126, 19.0854



17.2285, 24.3126, 27.7040

Triad

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



17.7720, 24.3126, 19.0854



23.5346, 24.3126, 49.6348



28.9238, 24.3126, 17.4454

Complementary

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



17.7720, 24.3126, 19.0854



19.6913, 15.3902, 22.0124

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.



30.1937, 24.3126, 25.2777



17.7720, 24.3126, 19.0854



26.8972, 24.3126, 45.0878

Square

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



17.7720, 24.3126, 19.0854



20.3601, 24.3126, 46.8401



29.4185, 24.3126, 35.5548



26.0936, 24.3126, 13.0763

Rectangle

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



17.7720, 24.3126, 19.0854



17.6719, 24.3126, 34.6686



29.4185, 24.3126, 35.5548



29.5592, 24.3126, 19.6817

Sweetspot

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



17.7726, 24.3136, 19.0859



43.3310, 49.1493, 49.2500



21.2309, 26.2111, 14.0658



9.7471, 11.1491, 11.0639



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.



17.7726, 24.3136, 19.0859



29.0114, 42.1767, 30.0845



19.4901, 25.0006, 28.1298



5.8116, 6.5012, 6.6186



9.6228, 18.3219, 6.0550



0.1310, 0.2296, 0.1439

Inverse Universe

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



19.6913, 15.3902, 22.0124



32.9607, 23.7867, 36.0912



18.1729, 14.7828, 14.0161



5.9467, 5.8738, 6.8256



12.1778, 6.0762, 9.6830



0.1632, 0.0800, 0.1932

Previews

White Background



This preview shows how the XYZ color 17.7720, 24.3126, 19.0854 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 17.7720, 24.3126, 19.0854 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 17.7720, 24.3126, 19.0854

Background



This preview shows how black text looks on a background with the XYZ color 17.7720, 24.3126, 19.0854.



This preview shows how white text looks on a background with the XYZ color 17.7720, 24.3126,

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

17.7720, 24.3126, 19.0854

Protanopia

22.4543, 23.9304, 17.0712

Deuteranopia

24.4614, 24.0962, 19.8848



Tritanopia

20.7896, 24.4126, 33.7534

Trichromacy



Original Color

17.7720, 24.3126, 19.0854

Protanomaly

20.2516, 23.8330, 17.7202

Deuteranomaly

21.2587, 23.6714, 19.6682

Tritanomaly

19.5977, 24.3782, 27.7173

Monochromacy



Original Color

17.7720, 24.3126, 19.0854

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

18.9774, 22.0327, 21.6649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7720, 24.3126, 19.0854 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(92, 147, 112)` looks like.

```
.text, #text, p{  
    color:rgb(92, 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(92, 147, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 147, 112) }
```

Border

The CSS property to change the border of an element to XYZ 17.7720, 24.3126, 19.0854 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(92, 147, 112) }
```


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

```
.border{ border-color:rgb(92, 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(92, 147, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 147, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 147, 112);  
box-shadow:4px 4px 4px 4px rgb(92, 147,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7720, 24.3126, 19.0854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 147, 112) }
```

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

```
.background{ background-color: rgb(92, 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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