

Converting Colors

XYZ(18.0407, 24.1948, 10.7606)

Have a look what the booklet for
XYZ(18.0407, 24.1948, 10.7606)
contains.

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Color

**XYZ(18.0205, 24.1661,
10.7359)**

Conversions

Conversions Part 1

Format	Color
Hex	6F914D
RGB	111, 145, 77
RGB Percent	44%, 57%, 30%
CMY	0.5647, 0.4314, 0.6980
CMYK	0.23, 0.00, 0.47, 0.43
HSL	90°, 31%, 44%
HSV	90°, 47%, 57%
XYZ	18.0205, 24.1661, 10.7359
YIQ	127.0820, 1.5640, -28.3560

Conversions

Conversions Part 2

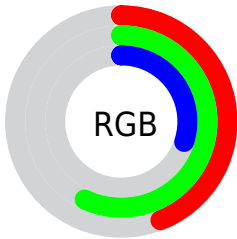
Format	Color
RYB	77, 145, 111
Decimal	7311693
CIELab	56.25, -24.20, 32.18
CIELCh	56, 40.262, 126.942
Yxy	24.1661, 0.3405, 0.4566
Android (android.graphics.Color)	4285501773 (0xFF6F914D)
YUV	127.0820, -24.6904, -14.1039
Hunter-Lab	49.1590, -20.5946, 21.4629

Details

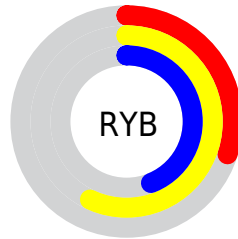
The XYZ color **18.0205, 24.1661, 10.7359** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.3212, 10.7322, 28.1061**, and the grayscale version is **20.2833, 21.3396, 23.2389**.

A 20% lighter version of the original color is **39.5640, 50.2717, 27.6968**, and **6.1615, 9.0912, 2.6583** is the 20% darker color. If you saturate the color by 10%, you get **16.6891, 23.5332, 8.2927**, and if you desaturate by 10%, it is **19.5413, 24.8850, 13.7848**.

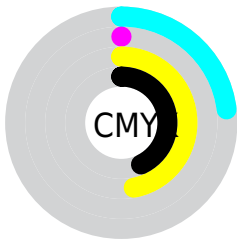
Distribution



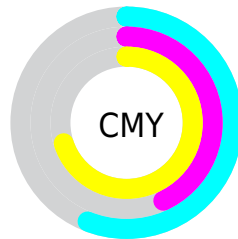
- Red (44%)
- Green (57%)
- Blue (30%)



- Red (30%)
- Yellow (57%)
- Blue (44%)



- Cyan (23%)
- Magenta (0%)
- Yellow (47%)
- Black (43%)



- Cyan (56%)
- Magenta (43%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0205, 24.1661, 10.7359 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 18.0205, 24.1661, 10.7359 by changing the saturation by 10% instead.

■ 18.0205, 24.1661,
10.7359

■ 18.0205, 24.1661,
10.7359

234.0299,
273.6592, 206.5186

■ 11.0645, 15.4569,
5.7776

■ 39.6021, 50.3011,
27.7999

■ 6.1778, 9.1407,
2.6437

■ 54.9583, 68.4957,
40.7427

■ 2.9952, 4.8330,
0.9149

■ 73.8454, 90.6209,
57.1841

■ 1.1512, 2.1496,
0.0000

■ 96.6286, 117.0610,
77.5426

■ 0.0673, 0.6923,
0.0000

■ 123.6733,
148.2005, 102.2367

■ 0.0000, 0.0000,
0.0000

155.3448,

184.4238, 131.6851

192.0086,
226.1152, 166.3062

■ 18.0205, 24.1661,
10.7359

■ 18.0205, 24.1661,
10.7359

■ 16.6891, 23.5332,
8.2927

■ 19.5413, 24.8850,
13.7848

■ 15.5360, 22.9791,
6.4130

■ 21.2584, 25.6903,
17.4746

■ 14.5512, 22.5006,
5.0520


■ 23.1804, 26.5865,
21.8397


■ 13.7229, 22.0925,
4.1571


■ 25.3150, 27.5768,
26.9114


■ 13.0325, 21.7473,
3.6400


■ 27.6691, 28.6643,
32.7194

 12.8356, 21.6487,
3.5021

 30.2496, 29.8518,
39.2914

 33.0630, 31.1421,
46.6537

 36.1153, 32.5378,
54.8316

 39.4126, 34.0415,
63.8489

Harmonies

Analogous

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



21.9092, 24.1661, 8.2436



18.0205, 24.1661, 10.7359



15.7090, 24.1661, 17.5322

Triad

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



18.0205, 24.1661, 10.7359



19.6539, 24.1661, 57.4592



32.9953, 24.1661, 23.3480

Complementary

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



18.0205, 24.1661, 10.7359



14.3212, 10.7322, 28.1061

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.



32.1792, 24.1661, 37.6230



18.0205, 24.1661, 10.7359



24.0628, 24.1661, 60.6316

Square

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



18.0205, 24.1661, 10.7359



16.5597, 24.1661, 44.8170



28.7498, 24.1661, 52.4236



30.8498, 24.1661, 13.7652

Rectangle

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



18.0205, 24.1661, 10.7359



15.1727, 24.1661, 24.9752



28.7498, 24.1661, 52.4236



33.0623, 24.1661, 27.6972

Sweetspot

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



18.0211, 24.1672, 10.7364



42.4692, 48.0557, 41.3513



18.7019, 17.9253, 9.4957



9.2884, 10.6164, 8.8259



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.



18.0211, 24.1672, 10.7364



29.8263, 42.1138, 14.7461



14.5262, 22.3655, 10.5729



5.5836, 6.1535, 5.7828



11.0390, 18.5834, 3.0051



0.1309, 0.1907, 0.0299

Inverse Universe

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



14.3212, 10.7322, 28.1061



22.3800, 15.0750, 49.7038



19.4427, 13.3725, 28.3458



5.3704, 5.3791, 6.7840



6.7384, 2.9674, 23.1947



0.0898, 0.0414, 0.2229

Previews

White Background



This preview shows how the XYZ color 18.0205, 24.1661, 10.7359 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 18.0205, 24.1661, 10.7359 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 18.0205, 24.1661, 10.7359

Background



This preview shows how black text looks on a background with the XYZ color 18.0205, 24.1661, 10.7359.



This preview shows how white text looks on a background with the XYZ color 18.0205, 24.1661,

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

18.0205, 24.1661, 10.7359

Protanopia

22.0793, 24.1049, 9.7923

Deuteranopia

24.3086, 23.8190, 11.1009



Tritanopia

22.1761, 24.0944, 31.4988

Trichromacy



Original Color

18.0205, 24.1661, 10.7359

Protanomaly

20.4603, 24.1105, 10.0540

Deuteranomaly

21.4747, 23.5587, 11.0049

Tritanomaly

20.2271, 23.9432, 21.9678

Monochromacy



Original Color

18.0205, 24.1661, 10.7359

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.1706, 22.2193, 17.7463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0205, 24.1661, 10.7359 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(111, 145, 77)` looks like.

```
.text, #text, p{  
    color:rgb(111, 145, 77)  
}
```

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(111, 145, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 145, 77) }
```

Border

The CSS property to change the border of an element to XYZ 18.0205, 24.1661, 10.7359 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(111, 145, 77) }
```


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

```
.border{ border-color:rgb(111, 145, 77) }
```

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

Here you see how a box with a 4 pixel rgb(111, 145, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 145, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 145, 77);  
box-shadow:4px 4px 4px 4px rgb(111, 145,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0205, 24.1661, 10.7359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 145, 77) }
```

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

```
.background{ background-color: rgb(111,  
145, 77) }
```

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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