

Converting Colors

XYZ(17.8897, 24.8756, 10.3660)

Have a look what the booklet for
XYZ(17.8897, 24.8756, 10.3660)
contains.

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Color

**XYZ(17.8893, 24.8000,
10.3226)**

Conversions

Conversions Part 1

Format	Color
Hex	6B944A
RGB	107, 148, 74
RGB Percent	42%, 58%, 29%
CMY	0.5804, 0.4196, 0.7098
CMYK	0.28, 0.00, 0.50, 0.42
HSL	93°, 33%, 44%
HSV	93°, 50%, 58%
XYZ	17.8893, 24.8000, 10.3226
YIQ	127.3050, -0.6820, -31.7060

Conversions

Conversions Part 2

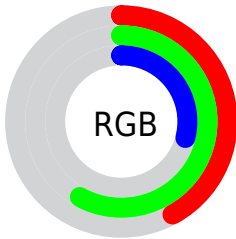
Format	Color
RYB	74, 148, 115
Decimal	7050314
CIELab	56.88, -27.60, 34.46
CIELCh	57, 44.148, 128.688
Yxy	24.8000, 0.3375, 0.4678
Android (android.graphics.Color)	4285240394 (0xFF6B944A)
YUV	127.3050, -26.2794, -17.8075
Hunter-Lab	49.7996, -23.0275, 22.5699

Details

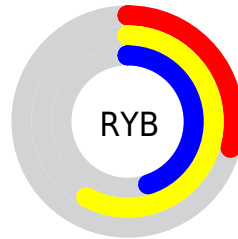
The XYZ color **17.8893, 24.8000, 10.3226** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.8655, 10.6813, 29.2966**, and the grayscale version is **20.3661, 21.4267, 23.3336**.

A 20% lighter version of the original color is **39.2558, 51.1699, 26.8766**, and **6.0920, 9.4647, 2.4831** is the 20% darker color. If you saturate the color by 10%, you get **16.5087, 24.1401, 7.9546**, and if you desaturate by 10%, it is **19.4819, 25.5573, 13.3140**.

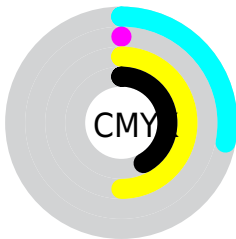
Distribution



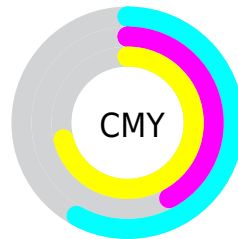
- Red (42%)
- Green (58%)
- Blue (29%)



- Red (29%)
- Yellow (58%)
- Blue (45%)



- Cyan (28%)
- Magenta (0%)
- Yellow (50%)
- Black (42%)



- Cyan (58%)
- Magenta (42%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8893, 24.8000, 10.3226 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 17.8893, 24.8000, 10.3226 by changing the saturation by 10% instead.

■ 17.8893, 24.8000,
10.3226

■ 17.8893, 24.8000,
10.3226

233.3040,
276.8405, 203.5270

■ 10.9697, 15.9281,
5.5050

■ 39.3802, 51.3326,
27.0178

■ 6.1136, 9.4733,
2.4826

■ 54.6822, 69.7621,
39.7324

■ 2.9556, 5.0512,
0.8309

■ 73.5091, 92.1462,
55.9165

■ 1.1303, 2.2773,
0.0000

■ 96.2262, 118.8694,
75.9885

■ 0.0503, 0.7617,
0.0000

■ 123.1989,
150.3160, 100.3670

■ 0.0000, 0.0000,
0.0000

154.7925,

186.8705, 129.4706

191.3724,
228.9171, 163.7177

■ 17.8893, 24.8000,
10.3226

■ 17.8893, 24.8000,
10.3226

■ 16.5087, 24.1401,
7.9546

■ 19.4819, 25.5573,
13.3140

■ 15.3275, 23.5695,
6.1642

■ 21.2949, 26.4129,
16.9670

■ 14.3340, 23.0843,
4.9020


■ 23.3381, 27.3720,
21.3187


■ 13.5144, 22.6784,
4.1096


■ 25.6202, 28.4383,
26.4029


■ 12.8369, 22.3390,
3.6353


■ 28.1494, 29.6153,
32.2513

 12.8369, 22.3390,
3.6353

 30.9336, 30.9065,
38.8936

 33.9802, 32.3150,
46.3580

 37.2963, 33.8440,
54.6715

 40.8888, 35.4963,
63.8595

Harmonies

Analogous

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



22.1021, 24.8000, 7.5082



17.8893, 24.8000, 10.3226



15.4725, 24.8000, 17.9235

Triad

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



17.8893, 24.8000, 10.3226



20.1411, 24.8000, 63.1442



34.8236, 24.8000, 22.9277

Complementary

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



17.8893, 24.8000, 10.3226



14.8655, 10.6813, 29.2966

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.



34.0951, 24.8000, 38.7242



17.8893, 24.8000, 10.3226



25.1050, 24.8000, 66.0409

Square

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



17.8893, 24.8000, 10.3226



16.6343, 24.8000, 48.9872



30.3454, 24.8000, 55.8684



32.2109, 24.8000, 12.8332

Rectangle

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



17.8893, 24.8000, 10.3226



14.9668, 24.8000, 26.3567



30.3454, 24.8000, 55.8684



34.9683, 24.8000, 27.6597

Sweetspot

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



17.8899, 24.8011, 10.3231



43.0159, 49.1545, 41.6657



19.5463, 18.9844, 9.1131



9.6460, 11.1397, 9.1266



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.



17.8899, 24.8011, 10.3231



28.8595, 42.4630, 13.6041



14.7791, 23.1826, 10.8476



5.9604, 6.5874, 6.1978



10.9948, 19.0959, 3.1064



0.1676, 0.2508, 0.0396

Inverse Universe

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



14.8655, 10.6813, 29.2966



22.8796, 14.5933, 51.0455



19.7195, 13.2170, 28.0190



5.7883, 5.7818, 7.2807



7.5700, 3.3751, 24.1835



0.1266, 0.0588, 0.2976

Previews

White Background



This preview shows how the XYZ color 17.8893, 24.8000, 10.3226 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 17.8893, 24.8000, 10.3226 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 17.8893, 24.8000, 10.3226

Background



This preview shows how black text looks on a background with the XYZ color 17.8893, 24.8000, 10.3226.



This preview shows how white text looks on a background with the XYZ color 17.8893, 24.8000,

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

17.8893, 24.8000, 10.3226

Protanopia

22.4873, 24.5345, 9.3448

Deuteranopia

25.1198, 24.6368, 10.8286



Tritanopia

22.4352, 24.8421, 32.8907

Trichromacy



Original Color

17.8893, 24.8000, 10.3226

Protanomaly

20.3469, 24.2794, 9.5752

Deuteranomaly

21.9623, 24.4469, 10.5824

Tritanomaly

20.3370, 24.6524, 22.4254

Monochromacy



Original Color

17.8893, 24.8000, 10.3226

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.1165, 22.4037, 17.5042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8893, 24.8000, 10.3226 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(107, 148, 74)` looks like.

```
.text, #text, p{  
    color:rgb(107, 148, 74)  
}
```

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(107, 148, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 148, 74) }
```

Border

The CSS property to change the border of an element to XYZ 17.8893, 24.8000, 10.3226 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(107, 148, 74) }
```


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

```
.border{ border-color:rgb(107, 148, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 148, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 148, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 148, 74);  
box-shadow:4px 4px 4px 4px rgb(107, 148,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8893, 24.8000, 10.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 148, 74) }
```

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

```
.background{ background-color: rgb(107,  
148, 74) }
```

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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