

Converting Colors

XYZ(19.0680, 24.1151, 7.0178)

Have a look what the booklet for
XYZ(19.0680, 24.1151, 7.0178)
contains.

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Color

**XYZ(19.0680, 24.1151,
7.0178)**

Conversions

Conversions Part 1

Format	Color
Hex	7F8E35
RGB	127, 142, 53
RGB Percent	50%, 56%, 21%
CMY	0.5020, 0.4431, 0.7921
CMYK	0.11, 0.00, 0.63, 0.44
HSL	70°, 46%, 38%
HSV	70°, 63%, 56%
XYZ	19.0680, 24.1151, 7.0178
YIQ	127.3690, 19.6290, -30.8590

Conversions

Conversions Part 2

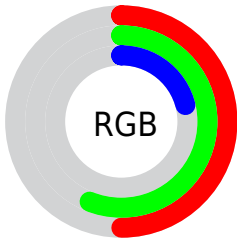
Format	Color
RYB	53, 142, 68
Decimal	8359477
CIELab	56.20, -18.52, 44.30
CIELCh	56, 48.014, 112.685
Yxy	24.1151, 0.3798, 0.4804
Android (android.graphics.Color)	4286549557 (0xFF7F8E35)
YUV	127.3690, -36.6639, -0.3236
Hunter-Lab	49.1071, -16.6270, 25.9020

Details

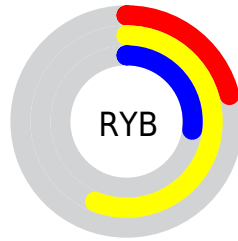
The XYZ color **19.0680, 24.1151, 7.0178** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.5403, 5.7287, 26.2483**, and the grayscale version is **20.4180, 21.4813, 23.3931**.

A 20% lighter version of the original color is **41.5300, 50.4244, 20.6407**, and **6.7288, 9.1501, 1.4115** is the 20% darker color. If you saturate the color by 10%, you get **18.4365, 23.8227, 5.5288**, and if you desaturate by 10%, it is **19.8059, 24.4528, 9.0181**.

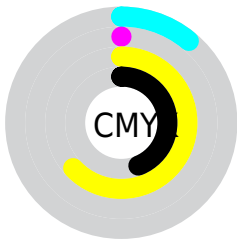
Distribution



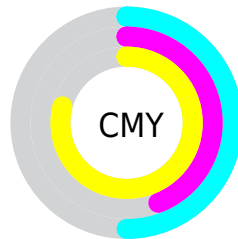
- Red (50%)
- Green (56%)
- Blue (21%)



- Red (21%)
- Yellow (56%)
- Blue (27%)



- Cyan (11%)
- Magenta (0%)
- Yellow (63%)
- Black (44%)



- Cyan (50%)
- Magenta (44%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0680, 24.1151, 7.0178 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 19.0680, 24.1151, 7.0178 by changing the saturation by 10% instead.

■ 19.0680, 24.1151,
7.0178

■ 19.0680, 24.1151,
7.0178

■ 239.7548,
273.4019, 177.4481

■ 11.8237, 15.4190,
3.3946

■ 41.3650, 50.2180,
20.5225

■ 6.6951, 9.1140,
1.2995

■ 57.1483, 68.3935,
31.2411

■ 3.3168, 4.8156,
0.0614

■ 76.5088, 90.4977,
45.1619

■ 1.3234, 2.1395,
0.0000

■ 99.8117, 116.9149,
62.7034

■ 0.2006, 0.6867,
0.0000

■ 127.4224,
148.0296, 84.2843

■ 0.0000, 0.0000,
0.0000

■ 159.7063,

184.2260, 110.3230

197.0286,
225.8886, 141.2381

■ 19.0680, 24.1151,
7.0178

■ 19.0680, 24.1151,
7.0178

■ 18.4365, 23.8227,
5.5288

■ 19.8059, 24.4528,
9.0181

■ 17.9008, 23.5687,
4.5031

■ 20.6565, 24.8357,
11.5691

■ 17.4510, 23.3500,
3.8860

■ 21.6271, 25.2676,
14.7081

■ 17.1535, 23.2032,
3.5746

■ 22.7244, 25.7512,
18.4687

■ 23.9543, 26.2888,
22.8819

■ 25.3222, 26.8827,
27.9767

■ 26.8335, 27.5349,
33.7804

■ 28.4931, 28.2474,
40.3188

■ 30.3057, 29.0222,
47.6162

Harmonies

Analogous

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



24.2981, 24.1151, 6.1809



19.0680, 24.1151, 7.0178



15.4765, 24.1151, 11.8105

Triad

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



19.0680, 24.1151, 7.0178



17.0726, 24.1151, 58.5900



35.1349, 24.1151, 30.3186

Complementary

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



19.0680, 24.1151, 7.0178



8.5403, 5.7287, 26.2483

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.



32.4352, 24.1151, 49.3161



19.0680, 24.1151, 7.0178



21.5963, 24.1151, 69.3896

Square

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



19.0680, 24.1151, 7.0178



14.4601, 24.1151, 39.8037



27.2602, 24.1151, 65.4468



34.1677, 24.1151, 16.1966

Rectangle

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



19.0680, 24.1151, 7.0178



14.2115, 24.1151, 18.2132



27.2602, 24.1151, 65.4468



34.6132, 24.1151, 36.3773

Sweetspot

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



19.0686, 24.1162, 7.0183



40.7554, 45.7077, 34.9895



13.8558, 10.1226, 4.5920



8.9844, 10.1571, 7.3955



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.0686, 24.1162, 7.0183



32.1232, 41.8249, 8.9544



13.8544, 21.4282, 6.7743



5.7516, 6.2401, 5.7907



15.4137, 20.8386, 3.2099



0.1626, 0.2071, 0.0314

Inverse Universe

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



8.5403, 5.7287, 26.2483



12.0453, 6.6595, 45.7784



12.8810, 7.9664, 26.4514



5.2091, 5.2960, 6.7764



4.7322, 1.9331, 23.1008



0.0581, 0.0251, 0.2215

Previews

White Background



This preview shows how the XYZ color 19.0680, 24.1151, 7.0178 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 19.0680, 24.1151, 7.0178 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 19.0680, 24.1151, 7.0178

Background



This preview shows how black text looks on a background with the XYZ color 19.0680, 24.1151, 7.0178.



This preview shows how white text looks on a background with the XYZ color 19.0680, 24.1151,

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

19.0680, 24.1151, 7.0178

Protanopia

21.8392, 24.0510, 6.6232

Deuteranopia

24.3940, 23.9492, 7.2079



Tritanopia

23.6620, 24.0766, 29.3867

Trichromacy



Original Color

19.0680, 24.1151, 7.0178

Protanomaly

20.8636, 24.1757, 6.8156

Deuteranomaly

22.0502, 23.7360, 7.1607

Tritanomaly

21.2915, 23.7207, 18.2082

Monochromacy



Original Color

19.0680, 24.1151, 7.0178

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.3039, 21.9347, 15.2730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0680, 24.1151, 7.0178 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(127, 142, 53)` looks like.

```
.text, #text, p{  
    color:rgb(127, 142, 53)  
}
```

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(127, 142, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 142, 53) }
```

Border

The CSS property to change the border of an element to XYZ 19.0680, 24.1151, 7.0178 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(127, 142, 53) }
```


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

```
.border{ border-color:rgb(127, 142, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 142, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 142, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 142, 53);  
box-shadow:4px 4px 4px 4px rgb(127, 142,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0680, 24.1151, 7.0178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 142, 53) }
```

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

```
.background{ background-color: rgb(127,  
142, 53) }
```

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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