

Converting Colors

XYZ(19.1074, 30.4509, 15.9993)

Have a look what the booklet for
XYZ(19.1074, 30.4509, 15.9993)
contains.

XYZ(19.0944, 30.3863, 15.9251)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.0944, 30.3863,
15.9251)**

Conversions

Conversions Part 1

Format	Color
Hex	4CA860
RGB	76, 168, 96
RGB Percent	30%, 66%, 38%
CMY	0.7020, 0.3412, 0.6235
CMYK	0.55, 0.00, 0.43, 0.34
HSL	133°, 38%, 48%
HSV	133°, 55%, 66%
XYZ	19.0944, 30.3863, 15.9251
YIQ	132.2840, -31.7200, -41.8960

Conversions

Conversions Part 2

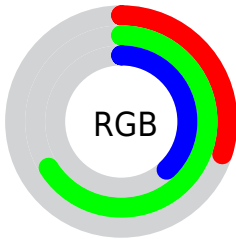
Format	Color
RYB	76, 152, 168
Decimal	5023840
CIELab	61.99, -43.31, 29.08
CIELCh	62, 52.169, 146.118
Yxy	30.3863, 0.2919, 0.4646
Android (android.graphics.Color)	4283213920 (0xFF4CA860)
YUV	132.2840, -17.8880, -49.3611
Hunter-Lab	55.1238, -34.6357, 21.4579

Details

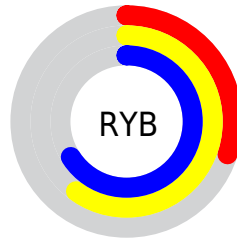
The XYZ color **19.0944, 30.3863, 15.9251** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **24.0790, 15.6323, 29.7658**, and the grayscale version is **22.1061, 23.2573, 25.3272**.

A 20% lighter version of the original color is **41.4378, 60.3234, 37.0633**, and **6.7143, 12.5007, 4.8553** is the 20% darker color. If you saturate the color by 10%, you get **17.3745, 29.5647, 12.9449**, and if you desaturate by 10%, it is **21.2657, 31.4306, 19.4562**.

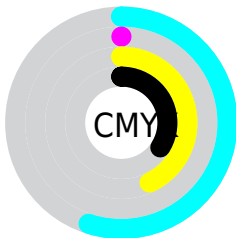
Distribution



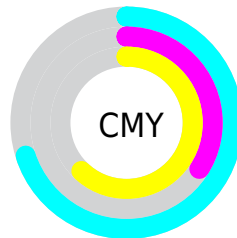
- Red (30%)
- Green (66%)
- Blue (38%)



- Red (30%)
- Yellow (60%)
- Blue (66%)



- Cyan (55%)
- Magenta (0%)
- Yellow (43%)
- Black (34%)



- Cyan (70%)
- Magenta (34%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0944, 30.3863, 15.9251 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 19.0944, 30.3863, 15.9251 by changing the saturation by 10% instead.

■ 19.0944, 30.3863,
15.9251

■ 19.0944, 30.3863,
15.9251

239.8975,
303.7010, 240.7299

■ 11.8429, 20.1320,
9.3174

■ 41.4092, 60.2726,
37.2331

■ 6.7082, 12.4910,
4.8491

■ 57.2032, 80.6733,
52.7705

■ 3.3250, 7.0790,
2.1018

■ 76.5755, 105.2249,
72.1215

■ 1.3279, 3.5116,
0.6169

■ 99.8913, 134.3119,
95.7047

■ 0.2039, 1.4043,
0.0000

■ 127.5161,
168.3186, 123.9386

■ 0.0000, 0.2199,
0.0000

159.8151,

■ 0.0000, 0.0000,

207.6294, 157.2417

0.0000

197.1538,
252.6287, 196.0327

■ 19.0944, 30.3863,
15.9251

■ 19.0944, 30.3863,
15.9251

■ 17.3745, 29.5647,
12.9449

■ 21.2657, 31.4306,
19.4562

■ 16.0708, 28.9457,
10.4859

■ 23.9154, 32.7085,
23.5621

■ 15.1466, 28.5119,
8.5184

■ 27.0713, 34.2345,
28.2676

■ 14.5570, 28.2407,
7.0090

■ 30.7583, 36.0211,
33.5956

■ 14.3297, 28.1371,
6.3871

■ 34.9994, 38.0797,
39.5675

■ 39.8167, 40.4212,
46.2040

■ 45.2306, 43.0557,
53.5247

■ 51.2609, 45.9931,
61.5484

■ 57.9261, 49.2425,
70.2932

Harmonies

Analogous

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



23.3569, 30.3863, 9.1543



19.0944, 30.3863, 15.9251



17.4353, 30.3863, 30.5459

Triad

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



19.0944, 30.3863, 15.9251



27.9803, 30.3863, 88.3009



42.7158, 30.3863, 18.8632

Complementary

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



19.0944, 30.3863, 15.9251



24.0790, 15.6323, 29.7658

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.



44.4819, 30.3863, 35.7622



19.0944, 30.3863, 15.9251



35.2144, 30.3863, 81.1096

Square

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



19.0944, 30.3863, 15.9251



22.0146, 30.3863, 76.4605



41.5448, 30.3863, 59.5338



37.0451, 30.3863, 10.3068

Rectangle

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



19.0944, 30.3863, 15.9251



17.7933, 30.3863, 44.9694



41.5448, 30.3863, 59.5338



43.8215, 30.3863, 23.5047

Sweetspot

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



19.0952, 30.3876, 15.9258



54.7246, 64.8350, 59.4065



27.5330, 34.8307, 12.1094



11.6316, 13.9877, 12.5233



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



19.0952, 30.3876, 15.9258



30.8804, 53.3392, 22.3114



21.8614, 31.4941, 30.4927



7.5010, 8.4335, 8.3586



10.8370, 21.2536, 4.9087



0.2816, 0.5243, 0.2137

Inverse Universe

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



24.0790, 15.6323, 29.7658



40.8494, 23.7032, 49.9051



21.1352, 14.4548, 14.2641



7.7710, 7.6383, 9.1115



15.3323, 7.5416, 17.0932



0.3900, 0.1903, 0.5050

Previews

White Background



This preview shows how the XYZ color 19.0944, 30.3863, 15.9251 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 19.0944, 30.3863, 15.9251 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 ✓ Pass

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

XYZ 19.0944, 30.3863, 15.9251

Background



This preview shows how black text looks on a background with the XYZ color 19.0944, 30.3863, 15.9251.



This preview shows how white text looks on a background with the XYZ color 19.0944, 30.3863,

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

19.0944, 30.3863, 15.9251

Protanopia

27.6549, 30.0027, 13.7847

Deuteranopia

30.4314, 29.7703, 16.7127



Tritanopia

24.5638, 30.2077, 43.5657

Trichromacy



Original Color

19.0944, 30.3863, 15.9251

Protanomaly

23.1803, 29.3749, 14.5734

Deuteranomaly

24.3514, 28.7160, 16.3159

Tritanomaly

21.9789, 29.9290, 31.0040

Monochromacy



Original Color

19.0944, 30.3863, 15.9251

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.1373, 25.0275, 21.2222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0944, 30.3863, 15.9251 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(76, 168, 96)` looks like.

```
.text, #text, p{  
    color:rgb(76, 168, 96)  
}
```

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(76, 168, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 168, 96) }
```

Border

The CSS property to change the border of an element to XYZ 19.0944, 30.3863, 15.9251 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(76, 168, 96) }
```


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

```
.border{ border-color:rgb(76, 168, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 168, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 168, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 168, 96);  
box-shadow:4px 4px 4px 4px rgb(76, 168,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0944, 30.3863, 15.9251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 168, 96) }
```

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

```
.background{ background-color: rgb(76, 168,  
96) }
```

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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