

Converting Colors

XYZ(19.4393, 30.4822, 14.0529)

Have a look what the booklet for
XYZ(19.4393, 30.4822, 14.0529)
contains.

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Color

**XYZ(19.5104, 30.6411,
14.1185)**

Conversions

Conversions Part 1

Format	Color
Hex	55A858
RGB	85, 168, 88
RGB Percent	33%, 66%, 35%
CMY	0.6667, 0.3412, 0.6549
CMYK	0.49, 0.00, 0.48, 0.34
HSL	122°, 33%, 50%
HSV	122°, 49%, 66%
XYZ	19.5104, 30.6411, 14.1185
YIQ	134.0630, -23.7880, -42.4760

Conversions

Conversions Part 2

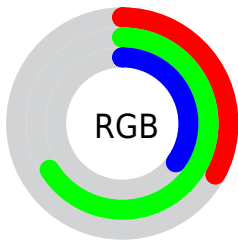
Format	Color
RYB	85, 165, 168
Decimal	5613656
CIELab	62.20, -42.14, 33.60
CIELCh	62, 53.895, 141.427
Yxy	30.6411, 0.3036, 0.4768
Android (android.graphics.Color)	4283803736 (0xFF55A858)
YUV	134.0630, -22.7091, -43.0283
Hunter-Lab	55.3544, -33.9555, 23.6258

Details

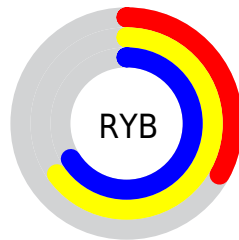
The XYZ color **19.5104, 30.6411, 14.1185** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **26.1894, 17.5390, 37.6034**, and the grayscale version is **22.7710, 23.9568, 26.0890**.

A 20% lighter version of the original color is **42.1311, 60.7508, 33.9316**, and **6.9146, 12.6213, 4.0792** is the 20% darker color. If you saturate the color by 10%, you get **17.5646, 29.7080, 10.9068**, and if you desaturate by 10%, it is **21.9688, 31.8231, 18.1333**.

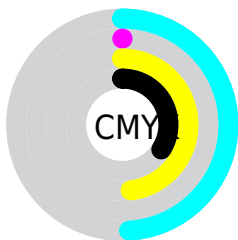
Distribution



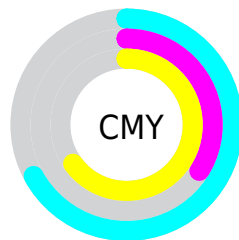
- Red (33%)
- Green (66%)
- Blue (35%)



- Red (33%)
- Yellow (65%)
- Blue (66%)



- Cyan (49%)
- Magenta (0%)
- Yellow (48%)
- Black (34%)



- Cyan (67%)
- Magenta (34%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5104, 30.6411, 14.1185 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 19.5104, 30.6411, 14.1185 by changing the saturation by 10% instead.

■ 19.5104, 30.6411,
14.1185

■ 19.5104, 30.6411,
14.1185

242.1365,
304.8814, 229.4208

■ 12.1458, 20.3257,
8.0634

■ 42.1050, 60.6746,
34.0193

■ 6.9160, 12.6320,
4.0472

■ 58.0658, 81.1614,
48.7021

■ 3.4555, 7.1757,
1.6513

■ 77.6227, 105.8076,
67.0979

■ 1.3990, 3.5722,
0.3270

■ 101.1411,
134.9974, 89.6252

■ 0.2555, 1.4373,
0.0000

128.9863,
169.1153, 116.7027

■ 0.0000, 0.2439,
0.0000

161.5237,

■ 0.0000, 0.0000,

208.5457, 148.7487

0.0000

199.1187,
253.6730, 186.1819

■ 19.5104, 30.6411,
14.1185

■ 19.5104, 30.6411,
14.1185

■ 17.5646, 29.7080,
10.9068

■ 21.9688, 31.8231,
18.1333

■ 16.0932, 29.0025,
8.4422

■ 24.9702, 33.2657,
22.9978

■ 15.0561, 28.5061,
6.6651


■ 28.5450, 34.9849,
28.7578


■ 14.4059, 28.1959,
5.5059


■ 32.7211, 36.9938,
35.4550

■ 14.0543, 28.0283,
4.8714

■ 37.5243, 39.3051,
43.1285

 14.0365, 28.0197,
4.8430

 42.9789, 41.9304,
51.8154

 49.1080, 44.8810,
61.5505

 55.9337, 48.1674,
72.3673

 63.4767, 51.7997,
84.2976

Harmonies

Analogous

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



24.3126, 30.6411, 8.2596



19.5104, 30.6411, 14.1185



17.3790, 30.6411, 27.7473

Triad

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



19.5104, 30.6411, 14.1185



27.0902, 30.6411, 90.6189



44.1587, 30.6411, 20.7782

Complementary

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



19.5104, 30.6411, 14.1185



26.1894, 17.5390, 37.6034

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.



45.2356, 30.6411, 39.6894



19.5104, 30.6411, 14.1185



34.5304, 30.6411, 86.1808

Square

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



19.5104, 30.6411, 14.1185



21.2529, 30.6411, 75.4334



41.4668, 30.6411, 65.0414



38.7307, 30.6411, 10.8413

Rectangle

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



19.5104, 30.6411, 14.1185



17.4648, 30.6411, 41.9331



41.4668, 30.6411, 65.0414



45.0738, 30.6411, 26.0481

Sweetspot

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



19.5112, 30.6424, 14.1192



54.7915, 64.9230, 56.9915



31.2092, 36.6870, 14.0310



11.6185, 13.9947, 11.9022



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.



19.5112, 30.6424, 14.1192



31.6649, 53.8078, 19.4463



21.7300, 31.5299, 25.8033



7.4473, 8.4120, 8.0758



10.6035, 21.1602, 3.6790



0.2613, 0.5162, 0.1070

Inverse Universe

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



26.1894, 17.5390, 37.6034



45.1698, 27.2912, 66.9227



23.0191, 16.2709, 20.9085



7.8300, 7.6619, 9.4221



17.1188, 8.2562, 26.5007



0.4200, 0.2023, 0.6631

Previews

White Background



This preview shows how the XYZ color 19.5104, 30.6411, 14.1185 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 19.5104, 30.6411, 14.1185 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 19.5104, 30.6411, 14.1185

Background



This preview shows how black text looks on a background with the XYZ color 19.5104, 30.6411, 14.1185.



This preview shows how white text looks on a background with the XYZ color 19.5104, 30.6411,

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

19.5104, 30.6411, 14.1185

Protanopia

27.7014, 30.2993, 12.1729

Deuteranopia

30.6652, 30.1564, 14.7942



Tritanopia

25.3423, 30.6201, 43.1027

Trichromacy



Original Color

19.5104, 30.6411, 14.1185

Protanomaly

23.6489, 29.9049, 12.9133

Deuteranomaly

24.8371, 29.2489, 14.4618

Tritanomaly

22.5519, 30.2505, 29.8496

Monochromacy



Original Color

19.5104, 30.6411, 14.1185

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

20.6922, 25.5551, 20.6717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5104, 30.6411, 14.1185 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(85, 168, 88)` looks like.

```
.text, #text, p{  
    color:rgb(85, 168, 88)  
}
```

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(85, 168, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 168, 88) }
```

Border

The CSS property to change the border of an element to XYZ 19.5104, 30.6411, 14.1185 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(85, 168, 88) }
```


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

```
.border{ border-color:rgb(85, 168, 88) }
```

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

Here you see how a box with a 4 pixel rgb(85, 168, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 168, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 168, 88);  
box-shadow:4px 4px 4px 4px rgb(85, 168,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5104, 30.6411, 14.1185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 168, 88) }
```

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

```
.background{ background-color: rgb(85, 168,  
88) }
```

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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