

Converting Colors

XYZ(18.9781, 29.8450, 9.9636)

Have a look what the booklet for
XYZ(18.9781, 29.8450, 9.9636)
contains.

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Color

**XYZ(19.0332, 29.9411,
9.9303)**

Conversions

Conversions Part 1

Format	Color
Hex	5CA642
RGB	92, 166, 66
RGB Percent	36%, 65%, 26%
CMY	0.6392, 0.3490, 0.7412
CMYK	0.45, 0.00, 0.60, 0.35
HSL	104°, 43%, 45%
HSV	104°, 60%, 65%
XYZ	19.0332, 29.9411, 9.9303
YIQ	132.4740, -12.0040, -46.7880

Conversions

Conversions Part 2

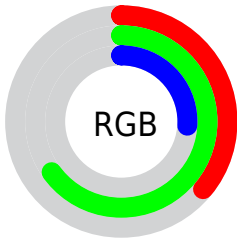
Format	Color
R_{YB}	66, 166, 140
Decimal	6071874
CIE _{Lab}	61.60, -41.97, 43.77
CIE _{LCh}	62, 60.646, 133.797
Yxy	29.9411, 0.3231, 0.5083
Android (android.graphics.Color)	4284261954 (0xFF5CA642)
YUV	132.4740, -32.7717, -35.4957
Hunter-Lab	54.7185, -33.6681, 27.5430

Details

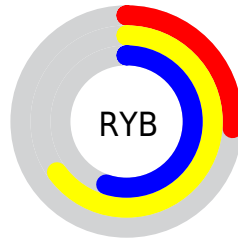
The XYZ color **19.0332, 29.9411, 9.9303** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **19.6479, 12.2261, 37.4024**, and the grayscale version is **22.2222, 23.3794, 25.4602**.

A 20% lighter version of the original color is **41.3648, 59.7300, 26.1785**, and **6.6587, 12.1917, 2.3189** is the 20% darker color. If you saturate the color by 10%, you get **17.4840, 29.1920, 7.6636**, and if you desaturate by 10%, it is **20.9249, 30.8522, 12.9557**.

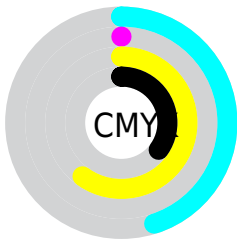
Distribution



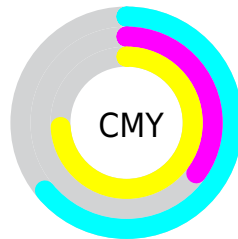
- Red (36%)
- Green (65%)
- Blue (26%)



- Red (26%)
- Yellow (65%)
- Blue (55%)



- Cyan (45%)
- Magenta (0%)
- Yellow (60%)
- Black (35%)





- Cyan (64%)
- Magenta (35%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.0332, 29.9411, 9.9303 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 19.0332, 29.9411, 9.9303 by changing the saturation by 10% instead.


 19.0332, 29.9411,
9.9303


 19.0332, 29.9411,
9.9303


239.5666,
301.6298, 200.6406


 11.7984, 19.7939,
5.2478


 41.3066, 59.5690,
26.2701


 6.6778, 12.2453,
2.3321


 57.0760, 79.8185,
38.7644


 3.3059, 6.9110,
0.7491


 76.4209, 104.2042,
54.6998

 1.3175, 3.4065,
0.0000

 99.7068, 133.1105,
74.4947

 0.1963, 1.3474,
0.0000

 127.2989,
166.9219, 98.5676

 0.0000, 0.1775,
0.0000

159.5627,

 0.0000, 0.0000,

206.0226, 127.3373

0.0000

196.8635,
250.7971, 161.2221

■ 19.0332, 29.9411,
9.9303

■ 19.0332, 29.9411,
9.9303

■ 17.4840, 29.1920,
7.6636

■ 20.9249, 30.8522,
12.9557

■ 16.2529, 28.5909,
6.0863

■ 23.1771, 31.9306,
16.7971

■ 15.3154, 28.1280,
5.1202

■ 25.8090, 33.1858,
21.5085

■ 14.6396, 27.7907,
4.5925

■ 28.8376, 34.6256,
27.1386

■ 32.2790, 36.2574,
33.7328

■ 36.1484, 38.0879,
41.3331

■ 40.4601, 40.1238,
49.9794

■ 45.2278, 42.3712,
59.7093

■ 50.4645, 44.8361,
70.5583

Harmonies

Analogous

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



24.9239, 29.9411, 5.7196



19.0332, 29.9411, 9.9303



16.0319, 29.9411, 21.7296

Triad

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



19.0332, 29.9411, 9.9303



24.3538, 29.9411, 96.3868



46.2923, 29.9411, 23.1303

Complementary

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



19.0332, 29.9411, 9.9303



19.6479, 12.2261, 37.4024

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.



46.0601, 29.9411, 46.6009



19.0332, 29.9411, 9.9303



32.3115, 29.9411, 97.3823

Square

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



19.0332, 29.9411, 9.9303



18.6840, 29.9411, 73.9133



40.5716, 29.9411, 76.2076



41.1564, 29.9411, 10.5380

Rectangle

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



19.0332, 29.9411, 9.9303



15.6389, 29.9411, 35.6256



40.5716, 29.9411, 76.2076



46.8654, 29.9411, 29.7522

Sweetspot

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



19.0339, 29.9424, 9.9310



53.4667, 63.3765, 51.3950



25.9915, 27.0636, 9.0086



11.5925, 14.0057, 10.7969



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.



19.0339, 29.9424, 9.9310



30.9785, 52.6123, 12.8937



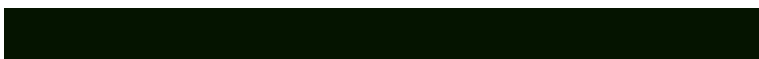
17.7011, 29.1590, 14.2207



7.6128, 8.4985, 8.0284



11.3902, 21.5691, 3.5629



0.3237, 0.5488, 0.0889

Inverse Universe

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



19.6479, 12.2261, 37.4024



32.0892, 17.5523, 67.1719



22.6079, 13.9773, 27.3620



7.6487, 7.5670, 9.4758



11.6996, 5.4148, 28.4040



0.3284, 0.1543, 0.6931

Previews

White Background



This preview shows how the XYZ color 19.0332, 29.9411, 9.9303 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 19.0332, 29.9411, 9.9303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

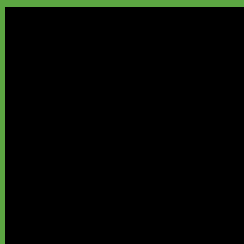
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.0332, 29.9411, 9.9303

Background



This preview shows how black text looks on a background with the XYZ color 19.0332, 29.9411, 9.9303.



This preview shows how white text looks on a background with the XYZ color 19.0332, 29.9411,

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

19.0332, 29.9411, 9.9303

Protanopia

26.9493, 29.5161, 8.6917

Deuteranopia

30.0189, 29.4759, 10.4106



Tritanopia

25.3868, 29.9191, 41.4827

Trichromacy



Original Color

19.0332, 29.9411, 9.9303

Protanomaly

23.0998, 29.2048, 9.1222

Deuteranomaly

24.4063, 28.6445, 10.0369

Tritanomaly

22.2611, 29.6639, 26.0251

Monochromacy



Original Color

19.0332, 29.9411, 9.9303

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.0162, 24.8111, 17.9214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0332, 29.9411, 9.9303 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(92, 166, 66)` looks like.

```
.text, #text, p{  
    color:rgb(92, 166, 66)  
}
```

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(92, 166, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 166, 66) }
```

Border

The CSS property to change the border of an element to XYZ 19.0332, 29.9411, 9.9303 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(92, 166, 66) }
```


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

```
.border{ border-color:rgb(92, 166, 66) }
```

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

Here you see how a box with a 4 pixel rgb(92, 166, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 166, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 166, 66);  
box-shadow:4px 4px 4px 4px rgb(92, 166,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0332, 29.9411, 9.9303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 166, 66) }
```

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

```
.background{ background-color: rgb(92, 166,  
66) }
```

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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