

Converting Colors

XYZ(17.5899, 29.4811, 9.3208)

Have a look what the booklet for
XYZ(17.5899, 29.4811, 9.3208)
contains.

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Color

**XYZ(17.5899, 29.4811,
9.3208)**

Conversions

Conversions Part 1

Format	Color
Hex	4BA73E
RGB	75, 167, 62
RGB Percent	29%, 65%, 24%
CMY	0.7059, 0.3451, 0.7568
CMYK	0.55, 0.00, 0.63, 0.35
HSL	113°, 46%, 45%
HSV	113°, 63%, 65%
XYZ	17.5899, 29.4811, 9.3208
YIQ	127.5220, -21.1270, -52.1590

Conversions

Conversions Part 2

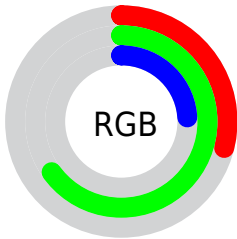
Format	Color
R_{YB}	62, 167, 154
Decimal	4958014
CIE _{Lab}	61.20, -47.84, 44.97
CIE _{LCh}	61, 65.656, 136.774
Yxy	29.4811, 0.3119, 0.5228
Android (android.graphics.Color)	4283148094 (0xFF4BA73E)
YUV	127.5220, -32.3023, -46.0618
Hunter-Lab	54.2965, -37.1920, 27.8295

Details

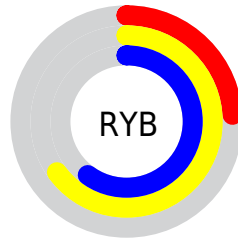
The XYZ color **17.5899, 29.4811, 9.3208** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **22.0257, 13.1064, 37.9297**, and the grayscale version is **20.4664, 21.5323, 23.4487**.

A 20% lighter version of the original color is **38.9407, 58.8958, 25.2352**, and **6.0392, 12.0434, 2.1212** is the 20% darker color. If you saturate the color by 10%, you get **16.1846, 28.8026, 7.2198**, and if you desaturate by 10%, it is **19.4007, 30.3542, 12.1771**.

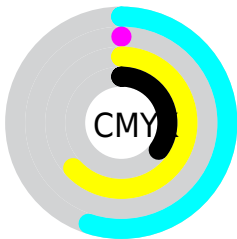
Distribution



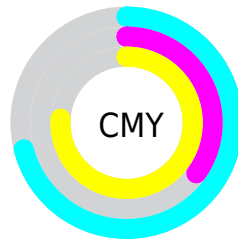
- Red (29%)
- Green (65%)
- Blue (24%)



- Red (24%)
- Yellow (65%)
- Blue (60%)



- Cyan (55%)
- Magenta (0%)
- Yellow (63%)
- Black (35%)



- Cyan (71%)
- Magenta (35%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5899, 29.4811, 9.3208 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 17.5899, 29.4811, 9.3208 by changing the saturation by 10% instead.

■ 17.5899, 29.4811,
9.3208

■ 17.5899, 29.4811,
9.3208

231.6398,
299.4782, 196.0587

■ 10.7539, 19.4451,
4.8514

■ 38.8729, 58.8406,
25.0974

■ 5.9676, 11.9923,
2.1031

■ 54.0505, 78.9328,
37.2417

■ 2.8659, 6.7384,
0.6176

■ 72.7394, 103.1459,
52.7813

■ 1.0832, 3.2991,
0.0000

■ 95.3048, 131.8643,
72.1348

■ 0.0110, 1.2898,
0.0000

■ 122.1123,
165.4723, 95.7208

■ 0.0000, 0.1333,
0.0000

153.5270,

■ 0.0000, 0.0000,

204.3544, 123.9577

0.0000

189.9144,
248.8949, 157.2642

■ 17.5899, 29.4811,
9.3208

■ 17.5899, 29.4811,
9.3208

■ 16.1846, 28.8026,
7.2198

■ 19.4007, 30.3542,
12.1771

■ 15.1510, 28.3001,
5.8007

■ 21.6432, 31.4313,
15.8491

■ 14.4532, 27.9578,
4.9793

■ 24.3438, 32.7257,
20.3934

■ 14.1217, 27.7945,
4.6206

■ 27.5260, 34.2485,
25.8607

■ 31.2120, 36.0100,
32.2983

■ 35.4224, 38.0199,
39.7498

■ 40.1766, 40.2874,
48.2565

■ 45.4931, 42.8212,
57.8573

■ 51.3896, 45.6296,
68.5890

Harmonies

Analogous

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



23.5017, 29.4811, 4.7182



17.5899, 29.4811, 9.3208



14.7779, 29.4811, 22.4130

Triad

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



17.5899, 29.4811, 9.3208



24.3951, 29.4811, 104.0953



47.0891, 29.4811, 20.2502

Complementary

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



17.5899, 29.4811, 9.3208



22.0257, 13.1064, 37.9297

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.



47.4659, 29.4811, 44.2395



17.5899, 29.4811, 9.3208



33.0852, 29.4811, 102.4362

Square

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



17.5899, 29.4811, 9.3208



18.1278, 29.4811, 80.6406



41.9267, 29.4811, 76.8575



40.9837, 29.4811, 8.4381

Rectangle

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



17.5899, 29.4811, 9.3208



14.5673, 29.4811, 38.0353



41.9267, 29.4811, 76.8575



47.9279, 29.4811, 26.8165

Sweetspot

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



17.5906, 29.4823, 9.3215



51.5198, 62.3977, 50.1789



28.1984, 31.3472, 9.1223



11.1376, 13.7763, 10.5483



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.



17.5906, 29.4823, 9.3215



28.2667, 51.2332, 11.9124



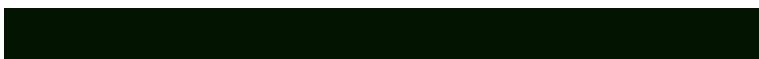
18.1308, 29.5927, 16.9411



7.5199, 8.4506, 8.0241



10.8295, 21.2800, 3.5367



0.2889, 0.5308, 0.0872

Inverse Universe

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



22.0257, 13.1064, 37.9297



36.7483, 19.4727, 67.2970



21.5893, 13.2333, 22.0126



7.7492, 7.6188, 9.4805



14.4809, 6.8486, 28.5342



0.3770, 0.1793, 0.6954

Previews

White Background



This preview shows how the XYZ color 17.5899, 29.4811, 9.3208 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 17.5899, 29.4811, 9.3208 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 17.5899, 29.4811, 9.3208

Background



This preview shows how black text looks on a background with the XYZ color 17.5899, 29.4811, 9.3208.



This preview shows how white text looks on a background with the XYZ color 17.5899, 29.4811,

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

17.5899, 29.4811, 9.3208

Protanopia

26.4574, 29.0455, 7.9533

Deuteranopia

29.5396, 29.0221, 9.8393



Tritanopia

24.0869, 29.2382, 41.9101

Trichromacy



Original Color

17.5899, 29.4811, 9.3208

Protanomaly

21.8350, 28.3222, 8.3189

Deuteranomaly

23.0748, 27.9687, 9.4925

Tritanomaly

20.8165, 28.9270, 25.6054

Monochromacy



Original Color

17.5899, 29.4811, 9.3208

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

18.4784, 23.5967, 16.6774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5899, 29.4811, 9.3208 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(75, 167, 62)` looks like.

```
.text, #text, p{  
    color:rgb(75, 167, 62)  
}
```

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(75, 167, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 167, 62) }
```

Border

The CSS property to change the border of an element to XYZ 17.5899, 29.4811, 9.3208 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(75, 167, 62) }
```


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

```
.border{ border-color:rgb(75, 167, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 167, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 167, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 167, 62);  
box-shadow:4px 4px 4px 4px rgb(75, 167,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5899, 29.4811, 9.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 167, 62) }
```

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

```
.background{ background-color: rgb(75, 167,  
62) }
```

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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