

Converting Colors

XYZ(19.9504, 29.5436, 17.2905)

Have a look what the booklet for
XYZ(19.9504, 29.5436, 17.2905)
contains.

XYZ(19.9091, 29.4290, 17.2014)	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(19.9091, 29.4290,
17.2014)**

Conversions

Conversions Part 1

Format	Color
Hex	5CA366
RGB	92, 163, 102
RGB Percent	36%, 64%, 40%
CMY	0.6392, 0.3608, 0.6000
CMYK	0.44, 0.00, 0.37, 0.36
HSL	128°, 28%, 50%
HSV	128°, 44%, 64%
XYZ	19.9091, 29.4290, 17.2014
YIQ	134.8170, -22.7350, -34.0230

Conversions

Conversions Part 2

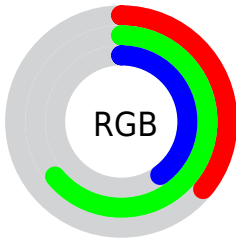
Format	Color
R_{YB}	92, 154, 163
Decimal	6071142
CIE _{Lab}	61.16, -35.64, 24.91
CIE _{LCh}	61, 43.481, 145.041
Yxy	29.4290, 0.2992, 0.4423
Android (android.graphics.Color)	4284261222 (0xFF5CA366)
YUV	134.8170, -16.1788, -37.5505
Hunter-Lab	54.2485, -29.4257, 19.1740

Details

The XYZ color **19.9091, 29.4290, 17.2014** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.6821, 17.7413, 32.2616**, and the grayscale version is **23.0260, 24.2251, 26.3812**.

A 20% lighter version of the original color is **42.7582, 58.5869, 39.6267**, and **7.1496, 12.0473, 5.4386** is the 20% darker color. If you saturate the color by 10%, you get **17.8159, 28.4243, 13.7794**, and if you desaturate by 10%, it is **22.4716, 30.6637, 21.2592**.

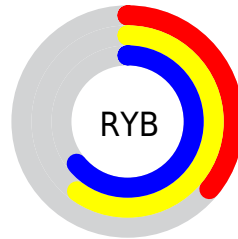
Distribution



Red (36%)

Green (64%)

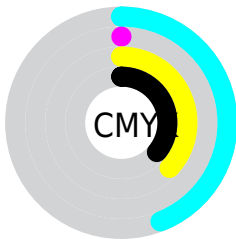
Blue (40%)



Red (36%)

Yellow (60%)

Blue (64%)

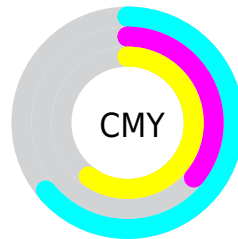


Cyan (44%)

Magenta (0%)

Yellow (37%)

Black (36%)



Cyan (64%)

Magenta (36%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9091, 29.4290, 17.2014 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 19.9091, 29.4290, 17.2014 by changing the saturation by 10% instead.

■ 19.9091, 29.4290,
17.2014

■ 19.9091, 29.4290,
17.2014

244.2655,
299.2337, 248.4135

■ 12.4369, 19.4056,
10.2147

■ 42.7698, 58.7580,
39.4671

■ 7.1162, 11.9637,
5.4341

■ 58.8891, 78.8324,
55.5832

■ 3.5819, 6.7190,
2.4410

■ 78.6213, 103.0259,
75.5796

■ 1.4684, 3.2870,
0.8086

■ 102.3319,
131.7228, 99.8746

■ 0.3042, 1.2833,
0.0000

130.3863,
165.3077, 128.8870

■ 0.0000, 0.1282,
0.0000

163.1498,

■ 0.0000, 0.0000,

204.1649, 163.0353

0.0000

200.9878,
248.6788, 202.7379

■ 19.9091, 29.4290,
17.2014

■ 19.9091, 29.4290,
17.2014

■ 17.8159, 28.4243,
13.7794

■ 22.4716, 30.6637,
21.2592

■ 16.1610, 27.6319,
10.9590

■ 25.5271, 32.1376,
25.9805

■ 14.9135, 27.0374,
8.7061


■ 29.1008, 33.8637,
31.3941


■ 14.0373, 26.6229,
6.9820


■ 33.2151, 35.8533,
37.5262


■ 13.4897, 26.3675,
5.7435


■ 37.8914, 38.1166,
44.4018

 13.2520, 26.2572,
5.1782

 43.1497, 40.6637,
52.0447

 49.0092, 43.5038,
60.4775

 55.4881, 46.6459,
69.7221

 62.6038, 50.0985,
79.7993

Harmonies

Analogous

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



23.5800, 29.4290, 11.1745



19.9091, 29.4290, 17.2014



18.4035, 29.4290, 29.4034

Triad

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



19.9091, 29.4290, 17.2014



27.0338, 29.4290, 74.6439



39.1347, 29.4290, 20.4992

Complementary

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



19.9091, 29.4290, 17.2014



24.6821, 17.7413, 32.2616

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.



40.3865, 29.4290, 34.8364



19.9091, 29.4290, 17.2014



32.8767, 29.4290, 69.7707

Square

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



19.9091, 29.4290, 17.2014



22.1445, 29.4290, 65.3072



37.9605, 29.4290, 53.6280



34.7401, 29.4290, 12.5747

Rectangle

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



19.9091, 29.4290, 17.2014



18.6579, 29.4290, 40.9083



37.9605, 29.4290, 53.6280



39.9603, 29.4290, 24.5613

Sweetspot

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



19.9099, 29.4302, 17.2021



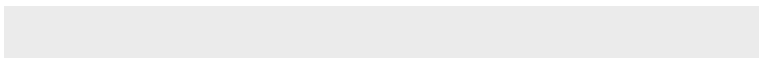
52.3340, 60.7506, 56.5509



28.2679, 33.7929, 15.1582



11.4294, 13.4874, 12.2129



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



19.9099, 29.4302, 17.2021



32.1058, 50.9997, 25.0103



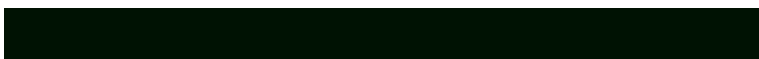
22.0246, 30.2761, 28.3383



7.0243, 7.9105, 7.7398



10.3095, 20.4101, 4.0803



0.2277, 0.4333, 0.1438

Inverse Universe

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



24.6821, 17.7413, 32.2616



41.7426, 27.3601, 55.3940



22.2042, 16.7502, 19.2133



7.3212, 7.1849, 8.6780



15.4327, 7.5291, 20.0009



0.3353, 0.1626, 0.4783

Previews

White Background



This preview shows how the XYZ color 19.9091, 29.4290, 17.2014 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 19.9091, 29.4290, 17.2014 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 19.9091, 29.4290, 17.2014

Background



This preview shows how black text looks on a background with the XYZ color 19.9091, 29.4290, 17.2014.



This preview shows how white text looks on a background with the XYZ color 19.9091, 29.4290,

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

19.9091, 29.4290, 17.2014

Protanopia

26.9965, 29.1672, 15.0334

Deuteranopia

29.6343, 29.1100, 17.9668



Tritanopia

24.7331, 29.3340, 41.4042

Trichromacy



Original Color

19.9091, 29.4290, 17.2014

Protanomaly

23.5875, 28.8152, 15.8740

Deuteranomaly

24.7988, 28.4441, 17.5478

Tritanomaly

22.6277, 29.2340, 30.8357

Monochromacy



Original Color

19.9091, 29.4290, 17.2014

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

21.3083, 25.6028, 22.5577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9091, 29.4290, 17.2014 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, 163, 102)` looks like.

```
.text, #text, p{  
    color:rgb(92, 163, 102)  
}
```

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, 163, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 163, 102) }
```

Border

The CSS property to change the border of an element to XYZ 19.9091, 29.4290, 17.2014 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, 163, 102) }
```


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

```
.border{ border-color:rgb(92, 163, 102) }
```

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

Here you see how a box with a 4 pixel rgb(92, 163, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 163, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 163, 102);  
box-shadow:4px 4px 4px 4px rgb(92, 163,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9091, 29.4290, 17.2014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 163, 102) }
```

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

```
.background{ background-color: rgb(92, 163,  
102) }
```

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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