

Converting Colors

XYZ(29.0607, 38.4000, 17.8187)

Have a look what the booklet for
XYZ(29.0607, 38.4000, 17.8187)
contains.

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Color

**XYZ(29.0359, 38.3363,
17.9259)**

Conversions

Conversions Part 1

Format	Color
Hex	8CB264
RGB	140, 178, 100
RGB Percent	55%, 70%, 39%
CMY	0.4510, 0.3019, 0.6078
CMYK	0.21, 0.00, 0.44, 0.30
HSL	89°, 34%, 55%
HSV	89°, 44%, 70%
XYZ	29.0359, 38.3363, 17.9259
YIQ	157.7460, 2.3900, -32.3140

Conversions

Conversions Part 2

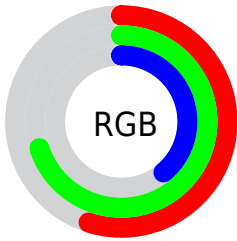
Format	Color
RYB	100, 178, 138
Decimal	9220708
CIELab	68.27, -26.48, 35.67
CIELCh	68, 44.426, 126.583
Yxy	38.3363, 0.3404, 0.4494
Android (android.graphics.Color)	4287410788 (0xFF8CB264)
YUV	157.7460, -28.4688, -15.5632
Hunter-Lab	61.9163, -24.6453, 26.1759

Details

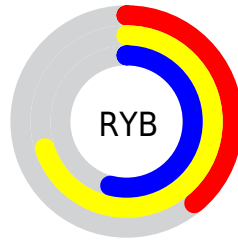
The XYZ color **29.0359, 38.3363, 17.9259** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **23.0758, 17.7330, 44.3281**, and the grayscale version is **32.5093, 34.2023, 37.2463**.

A 20% lighter version of the original color is **57.5960, 72.7147, 40.7055**, and **11.9557, 16.9810, 5.7795** is the 20% darker color. If you saturate the color by 10%, you get **26.8628, 37.3061, 13.8080**, and if you desaturate by 10%, it is **31.5143, 39.5045, 23.0423**.

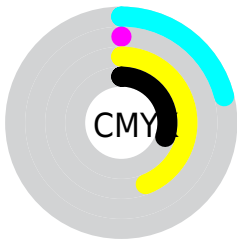
Distribution



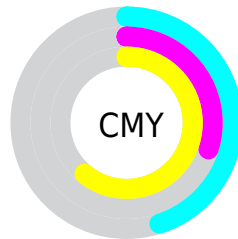
- Red (55%)
- Green (70%)
- Blue (39%)



- Red (39%)
- Yellow (70%)
- Blue (54%)



- Cyan (21%)
- Magenta (0%)
- Yellow (44%)
- Black (30%)



- Cyan (45%)
- Magenta (30%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0359, 38.3363, 17.9259 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 29.0359, 38.3363, 17.9259 by changing the saturation by 10% instead.

■ 29.0359, 38.3363,
17.9259

■ 29.0359, 38.3363,
17.9259

289.3755,
339.0604, 252.6751

■ 19.2524, 26.2438,
10.7279

■ 57.5313, 72.6233,
40.7233

■ 11.9579, 17.0061,
5.7723

■ 76.9739, 95.5866,
57.1597

■ 6.7870, 10.2389,
2.6406

■ 100.3669,
122.9423, 77.5127

■ 3.3744, 5.5576,
0.9133

■ 128.0756,
155.0748, 102.2008

■ 1.3547, 2.5780,
0.0000

160.4655,
192.3684, 131.6426

■ 0.2236, 0.9156,
0.0000

197.9019,

■ 0.0000, 0.0000,

235.2077, 166.2565

0.0000

240.7501,
283.9769, 206.4612

■ 29.0359, 38.3363,
17.9259

■ 29.0359, 38.3363,
17.9259

■ 26.8628, 37.3061,
13.8080

■ 31.5143, 39.5045,
23.0423

■ 24.9772, 36.4027,
10.6206

■ 34.3091, 40.8116,
29.2140

■ 23.3635, 35.6206,
8.2914

■ 37.4340, 42.2646,
36.4969

■ 22.0027, 34.9521,
6.7363

■ 40.9012, 43.8686,
44.9418

■ 20.8728, 34.3880,
5.8541

■ 44.7219, 45.6285,
54.5966

■ 20.2631, 34.0807,
5.5103

■ 48.9071, 47.5489,
65.5065

■ 53.4670, 49.6342,
77.7143

■ 58.4116, 51.8885,
91.2608

■ 62.9006, 53.9760,
101.7109

Harmonies

Analogous

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



34.9262, 38.3363, 14.0878



29.0359, 38.3363, 17.9259



25.4941, 38.3363, 28.2983

Triad

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



29.0359, 38.3363, 17.9259



31.3780, 38.3363, 87.6602



51.3987, 38.3363, 37.5043

Complementary

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



29.0359, 38.3363, 17.9259



23.0758, 17.7330, 44.3281

Split Complementary

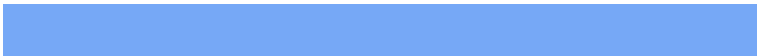
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



50.1349, 38.3363, 58.8838



29.0359, 38.3363, 17.9259



37.9918, 38.3363, 92.5049

Square

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



29.0359, 38.3363, 17.9259



26.7213, 38.3363, 68.9739



45.0008, 38.3363, 80.6570



48.2627, 38.3363, 22.8271

Rectangle

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



29.0359, 38.3363, 17.9259



24.6543, 38.3363, 39.5006



45.0008, 38.3363, 80.6570



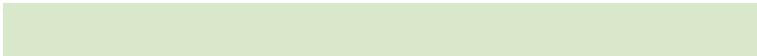
51.4797, 38.3363, 44.0661

Sweetspot

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



29.0368, 38.3380, 17.9267



68.2378, 76.8059, 67.0333



29.7073, 28.4774, 15.9881



14.8295, 16.8825, 14.1645



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



29.0368, 38.3380, 17.9267



48.6762, 67.6322, 24.9747



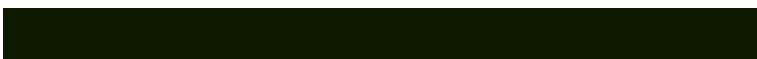
23.6223, 35.5467, 17.6733



8.7906, 9.6971, 9.0609



14.5707, 24.4215, 3.9459



0.5255, 0.8030, 0.1273

Inverse Universe

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



23.0758, 17.7330, 44.3281



36.4067, 25.2131, 79.3289



30.6577, 21.6417, 44.6829



8.4229, 8.4265, 10.6889



8.6158, 3.7774, 30.4120



0.3385, 0.1536, 0.9600

Previews

White Background



This preview shows how the XYZ color 29.0359, 38.3363, 17.9259 looks on a white background.

Color Contrast Check

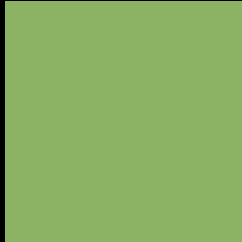
Large Text (above 18pt) WCAG AA × Fail

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 29.0359, 38.3363, 17.9259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

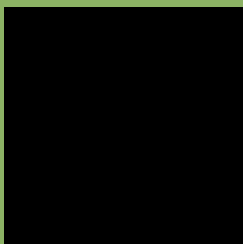
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.0359, 38.3363, 17.9259

Background



This preview shows how black text looks on a background with the XYZ color 29.0359, 38.3363, 17.9259.



This preview shows how white text looks on a background with the XYZ color 29.0359, 38.3363,

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

29.0359, 38.3363, 17.9259

Protanopia

35.0389, 38.0620, 16.5663

Deuteranopia

38.7674, 38.0956, 18.6745



Tritanopia

35.5804, 38.4287, 49.7982

Trichromacy



Original Color

29.0359, 38.3363, 17.9259

Protanomaly

32.4687, 37.8280, 16.8995

Deuteranomaly

34.4445, 37.7167, 18.2966

Tritanomaly

32.6328, 38.0679, 35.3337

Monochromacy



Original Color

29.0359, 38.3363, 17.9259

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

30.7330, 35.2957, 28.8599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0359, 38.3363, 17.9259 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(140, 178, 100)` looks like.

```
.text, #text, p{  
    color:rgb(140, 178, 100)  
}
```

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(140, 178, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 178, 100) }
```

Border

The CSS property to change the border of an element to XYZ 29.0359, 38.3363, 17.9259 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(140, 178, 100) }
```


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

```
.border{ border-color:rgb(140, 178, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 178, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 178, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 178, 100);  
box-shadow:4px 4px 4px 4px rgb(140, 178,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0359, 38.3363, 17.9259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 178, 100) }
```

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

```
.background{ background-color: rgb(140,  
178, 100) }
```

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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