

Converting Colors

XYZ(19.1443, 29.1841, 8.2537)

Have a look what the booklet for
XYZ(19.1443, 29.1841, 8.2537)
contains.

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Color

**XYZ(19.1536, 29.2369,
8.2482)**

Conversions

Conversions Part 1

Format	Color
Hex	65A337
RGB	101, 163, 55
RGB Percent	40%, 64%, 22%
CMY	0.6039, 0.3608, 0.7843
CMYK	0.38, 0.00, 0.66, 0.36
HSL	94°, 50%, 43%
HSV	94°, 66%, 64%
XYZ	19.1536, 29.2369, 8.2482
YIQ	132.1500, -2.2840, -46.7320

Conversions

Conversions Part 2

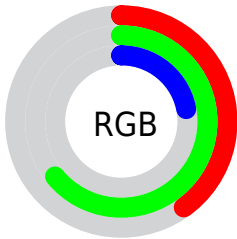
Format	Color
RYB	55, 163, 117
Decimal	6660919
CIELab	60.99, -38.71, 48.12
CIElCh	61, 61.758, 128.820
Yxy	29.2369, 0.3382, 0.5162
Android (android.graphics.Color)	4284850999 (0xFF65A337)
YUV	132.1500, -38.0350, -27.3186
Hunter-Lab	54.0712, -31.3946, 28.8055

Details

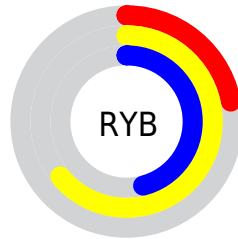
The XYZ color **19.1536, 29.2369, 8.2482** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **15.3145, 9.1595, 35.6127**, and the grayscale version is **22.1206, 23.2726, 25.3439**.

A 20% lighter version of the original color is **41.4355, 58.2723, 22.9737**, and **6.8112, 11.9497, 1.9475** is the 20% darker color. If you saturate the color by 10%, you get **17.8370, 28.5970, 6.4734**, and if you desaturate by 10%, it is **20.7200, 29.9925, 10.7095**.

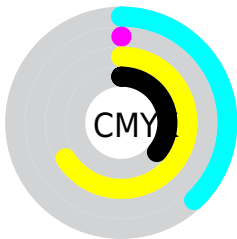
Distribution



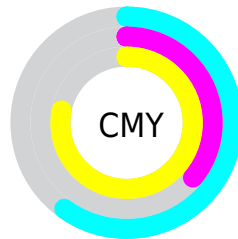
- Red (40%)
- Green (64%)
- Blue (22%)



- Red (22%)
- Yellow (64%)
- Blue (46%)



- Cyan (38%)
- Magenta (0%)
- Yellow (66%)
- Black (36%)



- Cyan (60%)
- Magenta (36%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1536, 29.2369, 8.2482 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 19.1536, 29.2369, 8.2482 by changing the saturation by 10% instead.

■ 19.1536, 29.2369,
8.2482

■ 19.1536, 29.2369,
8.2482

240.2173,
298.3311, 187.6727

■ 11.8860, 19.2601,
4.1641

■ 41.5084, 58.4533,
22.9977

■ 6.7377, 11.8584,
1.7158

■ 57.3262, 78.4616,
34.5003

■ 3.3435, 6.6473,
0.3715

■ 76.7248, 102.5826,
49.3128

■ 1.3379, 3.2425,
0.0000

■ 100.0696,
131.2007, 67.8537

■ 0.2113, 1.2596,
0.0000

■ 127.7259,
164.7001, 90.5416

■ 0.0000, 0.1096,
0.0000

■ 160.0590,

■ 0.0000, 0.0000,

203.4654, 117.7951

0.0000

197.4344,
247.8809, 150.0326

■ 19.1536, 29.2369,
8.2482

■ 19.1536, 29.2369,
8.2482

■ 17.8370, 28.5970,
6.4734

■ 20.7200, 29.9925,
10.7095

■ 16.7509, 28.0617,
5.3132

■ 22.5493, 30.8664,
13.9161

■ 15.8733, 27.6225,
4.6703

■ 24.6562, 31.8661,
17.9225

■ 15.5821, 27.4763,
4.4822

■ 27.0533, 32.9969,
22.7777

■ 29.7526, 34.2639,
28.5266

■ 32.7651, 35.6721,
35.2113

■ 36.1015, 37.2260,
42.8707

■ 39.7716, 38.9299,
51.5420

■ 43.7851, 40.7880,
61.2602

Harmonies

Analogous

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



25.4772, 29.2369, 5.0197



19.1536, 29.2369, 8.2482



15.6874, 29.2369, 18.3279

Triad

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



19.1536, 29.2369, 8.2482



22.5519, 29.2369, 93.8381



46.1121, 29.2369, 25.4956

Complementary

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



19.1536, 29.2369, 8.2482



15.3145, 9.1595, 35.6127

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.



44.9109, 29.2369, 50.7371



19.1536, 29.2369, 8.2482



30.2362, 29.2369, 99.0209

Square

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



19.1536, 29.2369, 8.2482



17.3691, 29.2369, 68.6011



38.6932, 29.2369, 80.5171



41.7138, 29.2369, 11.3142

Rectangle

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



19.1536, 29.2369, 8.2482



14.9846, 29.2369, 30.9277



38.6932, 29.2369, 80.5171



46.3651, 29.2369, 32.7578

Sweetspot

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



19.1543, 29.2382, 8.2488



51.2264, 60.3975, 46.6518



22.0635, 20.6005, 6.4283



11.2162, 13.4293, 9.8636



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.



19.1543, 29.2382, 8.2488



30.8771, 50.6889, 10.3781



15.5486, 27.3580, 9.0478



7.2582, 8.0356, 7.5486



12.1595, 21.3790, 3.4857



0.3090, 0.4768, 0.0757

Inverse Universe

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



15.3145, 9.1595, 35.6127



23.4167, 11.9506, 63.1286



22.4554, 12.9132, 32.6742



7.0715, 7.0512, 8.8914



8.7447, 3.9145, 27.2245



0.2362, 0.1093, 0.5745

Previews

White Background



This preview shows how the XYZ color 19.1536, 29.2369, 8.2482 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 19.1536, 29.2369, 8.2482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

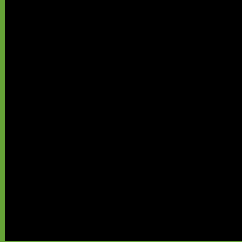
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.1536, 29.2369, 8.2482

Background



This preview shows how black text looks on a background with the XYZ color 19.1536, 29.2369, 8.2482.



This preview shows how white text looks on a background with the XYZ color 19.1536, 29.2369,

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

19.1536, 29.2369, 8.2482

Protanopia

26.3411, 28.9990, 7.3410

Deuteranopia

29.4212, 28.7692, 8.7050



Tritanopia

25.3559, 28.9550, 39.8498

Trichromacy



Original Color

19.1536, 29.2369, 8.2482

Protanomaly

22.9956, 28.6931, 7.5751

Deuteranomaly

24.5424, 28.2784, 8.4397

Tritanomaly

22.1457, 28.6371, 23.7624

Monochromacy



Original Color

19.1536, 29.2369, 8.2482

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.2063, 24.7093, 16.8011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1536, 29.2369, 8.2482 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(101, 163, 55)` looks like.

```
.text, #text, p{  
    color:rgb(101, 163, 55)  
}
```

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(101, 163, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 163, 55) }
```

Border

The CSS property to change the border of an element to XYZ 19.1536, 29.2369, 8.2482 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(101, 163, 55) }
```


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

```
.border{ border-color:rgb(101, 163, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 163, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 163, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 163, 55);  
box-shadow:4px 4px 4px 4px rgb(101, 163,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1536, 29.2369, 8.2482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 163, 55) }
```

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

```
.background{ background-color: rgb(101,  
163, 55) }
```

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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