

Converting Colors

XYZ(29.4677, 36.2327, 6.3602)

Have a look what the booklet for
XYZ(29.4677, 36.2327, 6.3602)
contains.

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Color

**XYZ(29.4677, 36.2327,
6.3602)**

Conversions

Conversions Part 1

Format	Color
Hex	A3A919
RGB	163, 169, 25
RGB Percent	64%, 66%, 10%
CMY	0.3608, 0.3372, 0.9019
CMYK	0.04, 0.00, 0.85, 0.34
HSL	63°, 74%, 38%
HSV	63°, 85%, 66%
XYZ	29.4677, 36.2327, 6.3602
YIQ	150.7900, 42.6480, -46.0560

Conversions

Conversions Part 2

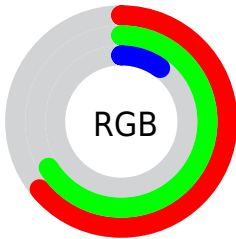
Format	Color
R _Y B	25, 169, 31
Decimal	10725657
CIE Lab	66.70, -18.05, 64.98
CIE LCh	67, 67.440, 105.522
Yxy	36.2327, 0.4089, 0.5028
Android (android.graphics.Color)	4288915737 (0xFFA3A919)
YUV	150.7900, -62.0145, 10.7082
Hunter-Lab	60.1936, -17.9544, 35.8708

Details

The XYZ color **29.4677, 36.2327, 6.3602** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **8.0752, 3.8519, 37.8563**, and the grayscale version is **29.5708, 31.1107, 33.8796**.

A 20% lighter version of the original color is **58.1542, 69.3553, 19.1260**, and **12.4247, 15.8484, 2.4042** is the 20% darker color. If you saturate the color by 10%, you get **29.1935, 36.1077, 5.6637**, and if you desaturate by 10%, it is **29.8540, 36.4053, 7.6354**.

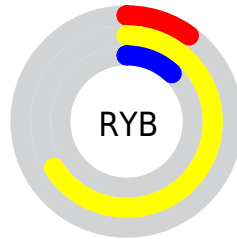
Distribution



Red (64%)

Green (66%)

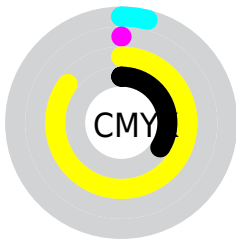
Blue (10%)



Red (10%)

Yellow (66%)

Blue (12%)

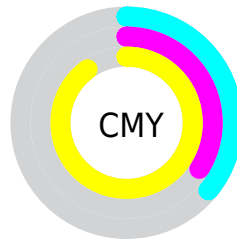


Cyan (4%)

Magenta (0%)

Yellow (85%)

Black (34%)



Cyan (36%)

Magenta (34%)

Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.4677, 36.2327, 6.3602 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 29.4677, 36.2327, 6.3602 by changing the saturation by 10% instead.


 29.4677, 36.2327,
6.3602


 29.4677, 36.2327,
6.3602


291.3699,
329.9765, 171.6603


 19.5810, 24.6140,
2.9930

 58.2118, 69.3911,
19.1645

 12.1973, 15.7897,
1.0911


 77.7998, 91.6995,
29.4387

 6.9514, 9.3755,
0.0000


 101.3524,
118.3400, 42.8523

 3.4778, 4.9869,
0.0000

 129.2348,
149.6969, 59.8238

 1.4112, 2.2396,
0.0000

 161.8124,
186.1546, 80.7718

 0.2642, 0.7414,
0.0000

 199.4505,

 0.0000, 0.0000,

228.0975, 106.1149

0.0000

242.5146,
275.9100, 136.2715

■ 29.4677, 36.2327,
6.3602

■ 29.4677, 36.2327,
6.3602

■ 29.1935, 36.1077,
5.6637

■ 29.8540, 36.4053,
7.6354

■ 29.0803, 36.0545,
5.4265

■ 30.3677, 36.6276,
9.5810

■ 31.0240, 36.9070,
12.2733

■ 31.8353, 37.2485,
15.7774

■ 32.8126, 37.6565,
20.1516

■ 33.9660, 38.1351,
25.4486

■ 35.3046, 38.6878,
31.7172

■ 36.8372, 39.3182,
39.0027

■ 38.5717, 40.0295,
47.3473

Harmonies

Analogous

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



39.5599, 36.2327, 6.2824



29.4677, 36.2327, 6.3602



22.2892, 36.2327, 11.7913

Triad

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



29.4677, 36.2327, 6.3602



22.4780, 36.2327, 94.3910



57.0429, 36.2327, 55.1676

Complementary

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



29.4677, 36.2327, 6.3602



8.0752, 3.8519, 37.8563

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.



50.3525, 36.2327, 93.1076



29.4677, 36.2327, 6.3602



29.7786, 36.2327, 122.2669

Square

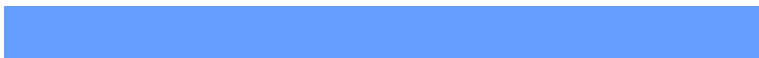
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



29.4677, 36.2327, 6.3602



18.8289, 36.2327, 56.4079



39.9382, 36.2327, 121.7070



56.9140, 36.2327, 26.2869

Rectangle

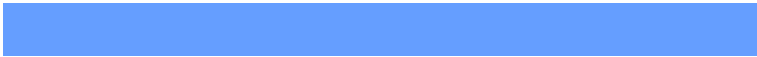
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29.4677, 36.2327, 6.3602



19.5356, 36.2327, 20.5047



39.9382, 36.2327, 121.7070



55.4671, 36.2327, 67.4898

Sweetspot

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



29.4685, 36.2344, 6.3609



60.5487, 68.1782, 44.2824



16.9982, 9.4246, 1.8434



13.0435, 14.7963, 8.9439



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.



29.4685, 36.2344, 6.3609



52.0321, 64.5440, 9.7159



18.7987, 30.7339, 5.8616



8.1155, 8.7576, 8.0519



21.6836, 26.8755, 4.0447



0.5367, 0.6586, 0.0988

Inverse Universe

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



8.0752, 3.8519, 37.8563



12.9402, 5.1893, 67.5447



12.9673, 6.3738, 38.0853



7.1597, 7.3149, 9.4529



5.4146, 2.1748, 28.1099



0.1405, 0.0574, 0.6843

Previews

White Background



This preview shows how the XYZ color 29.4677, 36.2327, 6.3602 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 29.4677, 36.2327, 6.3602 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 29.4677, 36.2327, 6.3602

Background



This preview shows how black text looks on a background with the XYZ color 29.4677, 36.2327, 6.3602.



This preview shows how white text looks on a background with the XYZ color 29.4677, 36.2327,

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

29.4677, 36.2327, 6.3602

Protanopia

32.7803, 36.3235, 6.0940

Deuteranopia

36.7608, 36.0699, 6.6148



Tritanopia

36.7682, 36.0149, 43.0439

Trichromacy



Original Color

29.4677, 36.2327, 6.3602

Protanomaly

31.5245, 36.2063, 6.1912

Deuteranomaly

33.6317, 35.7140, 6.4172

Tritanomaly

32.5333, 35.3201, 21.9324

Monochromacy



Original Color

29.4677, 36.2327, 6.3602

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.2942, 32.4422, 18.1353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4677, 36.2327, 6.3602 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(163, 169, 25)` looks like.

```
.text, #text, p{  
    color:rgb(163, 169, 25)  
}
```

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(163, 169, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 169, 25) }
```

Border

The CSS property to change the border of an element to XYZ 29.4677, 36.2327, 6.3602 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(163, 169, 25) }
```


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

```
.border{ border-color:rgb(163, 169, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 169, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 169, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 169, 25);  
box-shadow:4px 4px 4px 4px rgb(163, 169,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4677, 36.2327, 6.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 169, 25) }
```

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

```
.background{ background-color: rgb(163,  
169, 25) }
```

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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