

Converting Colors

XYZ(29.0609, 42.3159, 6.6361)

Have a look what the booklet for
XYZ(29.0609, 42.3159, 6.6361)
contains.

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Color

**XYZ(29.0609, 42.3159,
6.6361)**

Conversions

Conversions Part 1

Format	Color
Hex	8BBE00
RGB	139, 190, 0
RGB Percent	55%, 75%, 0%
CMY	0.4549, 0.2549, 0.9999
CMYK	0.27, 0.00, 1.00, 0.25
HSL	76°, 100%, 37%
HSV	76°, 100%, 75%
XYZ	29.0609, 42.3159, 6.6361
YIQ	153.0910, 30.5940, -69.9020

Conversions

Conversions Part 2

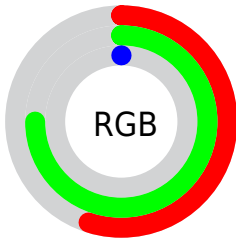
Format	Color
RYB	0, 190, 51
Decimal	9158144
CIELab	71.09, -38.54, 71.44
CIElCh	71, 81.176, 118.343
Yxy	42.3159, 0.3725, 0.5424
Android (android.graphics.Color)	4287348224 (0xFF8BBE00)
YUV	153.0910, -75.4739, -12.3578
Hunter-Lab	65.0507, -34.0951, 39.4870

Details

The XYZ color **29.0609, 42.3159, 6.6361** is a dark color, and the websafe version is hex **99CC00**. A complement of this color would be **10.6615, 4.4228, 49.0095**, and the grayscale version is **30.6291, 32.2242, 35.0922**.

A 20% lighter version of the original color is **57.7347, 78.9710, 19.7894**, and **12.2838, 19.4022, 3.0976** is the 20% darker color. If you saturate the color by 10%, you get **29.0609, 42.3173, 6.6364**, and if you desaturate by 10%, it is **30.0513, 42.8143, 7.2971**.

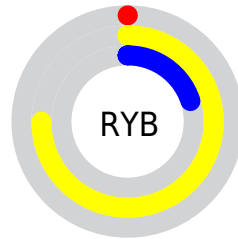
Distribution



Red (55%)

Green (75%)

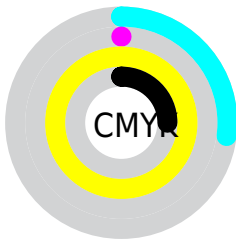
Blue (0%)



Red (0%)

Yellow (75%)

Blue (20%)

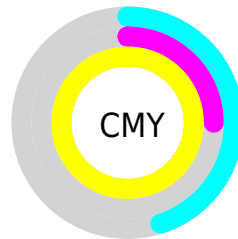


Cyan (27%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (45%)


Magenta (25%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.0609, 42.3159, 6.6361 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 29.0609, 42.3159, 6.6361 by changing the saturation by 10% instead.


 29.0609, 42.3159,
6.6361


 29.0609, 42.3159,
6.6361


289.4912,
355.7908, 174.1193


 19.2714, 29.3487,
3.1606


 57.5707, 78.6775,
19.7376


 11.9717, 19.3448,
1.1772


 77.0218, 102.8407,
30.2006

 6.7965, 11.9197,
0.0000


 100.4240,
131.5048, 43.8299

 3.3803, 6.6890,
0.0000

 128.1429,
165.0540, 61.0440

 1.3579, 3.2684,
0.0000

 160.5437,
203.8728, 82.2615

 0.2260, 1.2734,
0.0000

 197.9917,

 0.0000, 0.1205,

248.3456, 107.9008

0.0000

240.8525,
298.8568, 138.3806

■ 0.0000, 0.0000,
0.0000

■ 29.0609, 42.3159,
6.6361

■ 29.0609, 42.3159,
6.6361

■ 29.0609, 42.3173,
6.6364

■ 30.0513, 42.8143,
7.2971

■ 31.1958, 43.3774,
8.5640

■ 32.5375, 44.0242,
10.6563

■ 34.0979, 44.7632,
13.6845

■ 35.8952, 45.6018,
17.7419

■ 37.9454, 46.5464,
22.9108

■ 40.2631, 47.6030,
29.2649

■ 42.8615, 48.7768,
36.8717

■ 45.7530, 50.0730,
45.7937

Harmonies

Analogous

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



40.9794, 42.3159, 4.4731



29.0609, 42.3159, 6.6361



21.8473, 42.3159, 16.9307

Triad

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



29.0609, 42.3159, 6.6361



28.0210, 42.3159, 143.4441



72.3458, 42.3159, 48.2702

Complementary

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



29.0609, 42.3159, 6.6361



10.6615, 4.4228, 49.0095

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.



66.7692, 42.3159, 97.4756



29.0609, 42.3159, 6.6361



39.4700, 42.3159, 168.4079

Square

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



29.0609, 42.3159, 6.6361



21.3487, 42.3159, 91.4353



53.9225, 42.3159, 148.1020



67.8329, 42.3159, 18.9248

Rectangle

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



29.0609, 42.3159, 6.6361



19.6956, 42.3159, 32.5648



53.9225, 42.3159, 148.1020



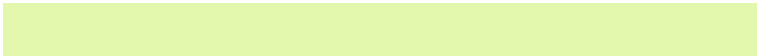
71.5687, 42.3159, 62.8838

Sweetspot

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



29.0619, 42.3178, 6.6370



72.7386, 86.1592, 52.4054



22.4064, 13.2878, 1.3844



15.5679, 18.7356, 10.3790



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



29.0619, 42.3178, 6.6370



52.4108, 76.5528, 12.0138



19.4683, 37.3721, 6.1880



10.0656, 10.9882, 10.1671



19.4006, 28.1772, 4.4162



0.8190, 1.1342, 0.1758

Inverse Universe

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



10.6615, 4.4228, 49.0095



19.1168, 7.9094, 88.7982



21.0913, 9.7996, 49.4976



9.2504, 9.3459, 11.9886



7.1533, 2.9737, 32.5899



0.3449, 0.1498, 1.2796

Previews

White Background



This preview shows how the XYZ color 29.0609, 42.3159, 6.6361 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 29.0609, 42.3159, 6.6361 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 29.0609, 42.3159, 6.6361

Background



This preview shows how black text looks on a background with the XYZ color 29.0609, 42.3159, 6.6361.

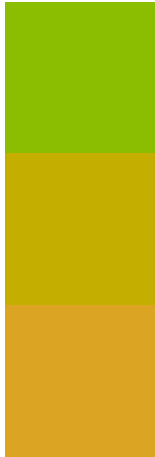


This preview shows how white text looks on a background with the XYZ color 29.0609, 42.3159,

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

29.0609, 42.3159, 6.6361

Protanopia

37.9010, 42.0079, 6.1107

Deuteranopia

42.7922, 41.7323, 7.3899



Tritanopia

38.8364, 42.2738, 55.4030

Trichromacy



Original Color

29.0609, 42.3159, 6.6361

Protanomaly

34.0005, 41.7565, 6.2678

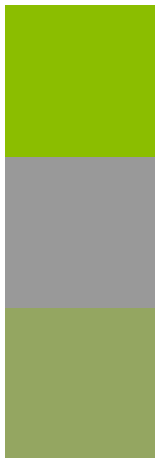
Deuteranomaly

36.3236, 40.8922, 6.7376

Tritanomaly

32.8185, 41.3451, 24.6630

Monochromacy



Original Color

29.0609, 42.3159, 6.6361

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

28.0066, 34.4314, 16.4791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0609, 42.3159, 6.6361 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(139, 190, 0)` looks like.

```
.text, #text, p{  
    color:rgb(139, 190, 0)  
}
```

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(139, 190, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 190, 0) }
```

Border

The CSS property to change the border of an element to XYZ 29.0609, 42.3159, 6.6361 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(139, 190, 0) }
```


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

```
.border{ border-color:rgb(139, 190, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 190, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 190, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 190, 0);  
box-shadow:4px 4px 4px 4px rgb(139, 190,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0609, 42.3159, 6.6361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 190, 0) }
```

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

```
.background{ background-color: rgb(139,  
190, 0) }
```

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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