

Converting Colors

XYZ(29.2389, 35.2485, 5.2626)

Have a look what the booklet for
XYZ(29.2389, 35.2485, 5.2626)
contains.

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Color

**XYZ(29.3621, 35.3794,
5.2814)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A600
RGB	166, 166, 0
RGB Percent	65%, 65%, 0%
CMY	0.3490, 0.3490, 0.9999
CMYK	0.00, 0.00, 1.00, 0.35
HSL	60°, 100%, 33%
HSV	60°, 100%, 65%
XYZ	29.3621, 35.3794, 5.2814
YIQ	147.0760, 53.2860, -51.6260

Conversions

Conversions Part 2

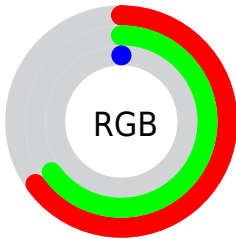
Format	Color
RYB	0, 166, 0
Decimal	10921472
CIELab	66.04, -15.63, 68.51
CIELCh	66, 70.275, 102.852
Yxy	35.3794, 0.4193, 0.5053
Android (android.graphics.Color)	4289111552 (0xFFA6A600)
YUV	147.0760, -72.5085, 16.5963
Hunter-Lab	59.4806, -15.9760, 36.3719

Details

The XYZ color **29.3621, 35.3794, 5.2814** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.8838, 2.7538, 36.2473**, and the grayscale version is **28.0415, 29.5018, 32.1275**.

A 20% lighter version of the original color is **58.2123, 68.2423, 16.9414**, and **12.3240, 15.2858, 2.3009** is the 20% darker color. If you saturate the color by 10%, you get **29.3628, 35.3810, 5.2816**, and if you desaturate by 10%, it is **29.4611, 35.4204, 5.7988**.

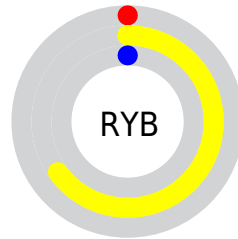
Distribution



Red (65%)

Green (65%)

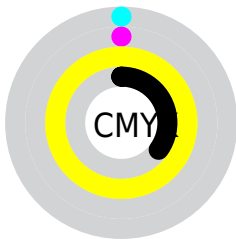
Blue (0%)



Red (0%)

Yellow (65%)

Blue (0%)

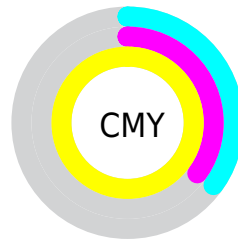


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (35%)



Cyan (35%)

Magenta (35%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3621, 35.3794, 5.2814 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 29.3621, 35.3794, 5.2814 by changing the saturation by 10% instead.

■ 29.3621, 35.3794,
5.2814

■ 29.3621, 35.3794,
5.2814

290.8831,
326.2398, 161.5515

■ 19.5006, 23.9553,
2.3517

■ 58.0455, 68.0731,
16.8712

■ 12.1387, 15.3004,
0.7600

■ 77.5981, 90.1115,
26.3684

■ 6.9111, 9.0305,
0.0000

■ 101.1117,
116.4567, 38.8918

■ 3.4524, 4.7611,
0.0000

■ 128.9517,
147.4932, 54.8601

■ 1.3973, 2.1078,
0.0000

■ 161.4835,
183.6054, 74.6916

■ 0.2543, 0.6690,
0.0000

■ 199.0725,

■ 0.0000, 0.0000,

225.1776, 98.8050

0.0000

242.0839,
272.5943, 127.6188

29.3621, 35.3794,
5.2814

29.3621, 35.3794,
5.2814

29.3628, 35.3810,
5.2816

29.4611, 35.4204,
5.7988

29.6406, 35.4922,
6.7433

29.9349, 35.6099,
8.2928

30.3590, 35.7795,
10.5253

30.9254, 36.0061,
13.5074

■ 31.6453, 36.2941,
17.2979

■ 32.5288, 36.6475,
21.9494

■ 33.5849, 37.0700,
27.5104

■ 34.8223, 37.5649,
34.0257

Harmonies

Analogous

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



39.8910, 35.3794, 5.5832



29.3621, 35.3794, 5.2814



21.7524, 35.3794, 9.9001

Triad

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



29.3621, 35.3794, 5.2814



20.9672, 35.3794, 92.2492



56.6510, 35.3794, 58.0510

Complementary

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



29.3621, 35.3794, 5.2814



6.8838, 2.7538, 36.2473

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.



49.1871, 35.3794, 97.8047



29.3621, 35.3794, 5.2814



28.0558, 35.3794, 123.5493

Square

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



29.3621, 35.3794, 5.2814



17.6241, 35.3794, 52.7561



38.2862, 35.3794, 125.9879



57.2035, 35.3794, 27.1107

Rectangle

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



29.3621, 35.3794, 5.2814



18.7568, 35.3794, 17.8145



38.2862, 35.3794, 125.9879



54.8061, 35.3794, 71.1073

Sweetspot

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



29.3629, 35.3811, 5.2821



58.9339, 66.4680, 39.3113



15.7271, 8.1079, 0.7366



13.0361, 14.8134, 7.9957



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.



29.3629, 35.3811, 5.2821



53.2875, 64.2093, 9.5851



17.2054, 29.1136, 4.7132



8.1469, 8.7738, 8.0534



22.7681, 27.4346, 4.0954



0.5540, 0.6675, 0.0996

Inverse Universe

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



6.8838, 2.7538, 36.2473



12.4920, 4.9968, 65.7814



10.4518, 4.5932, 36.4143



7.1318, 7.3006, 9.4516



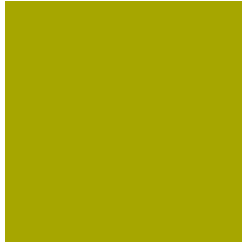
5.3374, 2.1350, 28.1063



0.1299, 0.0519, 0.6838

Previews

White Background



This preview shows how the XYZ color 29.3621, 35.3794, 5.2814 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 29.3621, 35.3794, 5.2814 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 29.3621, 35.3794, 5.2814

Background



This preview shows how black text looks on a background with the XYZ color 29.3621, 35.3794, 5.2814.



This preview shows how white text looks on a background with the XYZ color 29.3621, 35.3794,

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

29.3621, 35.3794, 5.2814

Protanopia

31.8009, 35.3135, 5.1401

Deuteranopia

36.0323, 35.2232, 5.8193



Tritanopia

36.5700, 35.2115, 40.9454

Trichromacy



Original Color

29.3621, 35.3794, 5.2814

Protanomaly

31.0017, 35.4245, 5.2036

Deuteranomaly

33.3857, 35.0985, 5.5053

Tritanomaly

32.0620, 34.3786, 18.5815

Monochromacy



Original Color

29.3621, 35.3794, 5.2814

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.9024, 30.7894, 15.1147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3621, 35.3794, 5.2814 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(166, 166, 0)` looks like.

```
.text, #text, p{  
    color:rgb(166, 166, 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(166, 166, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 166, 0) }
```

Border

The CSS property to change the border of an element to XYZ 29.3621, 35.3794, 5.2814 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(166, 166, 0) }
```


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

```
.border{ border-color:rgb(166, 166, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 166, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 166, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 166, 0);  
box-shadow:4px 4px 4px 4px rgb(166, 166,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3621, 35.3794, 5.2814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 166, 0) }
```

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

```
.background{ background-color: rgb(166,  
166, 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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