

Converting Colors

YUV(116.6920, -29.9212,
-16.3929)

Have a look what the booklet for
YUV(116.6920, -29.9212, -16.3929)
contains.

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Color

**YUV(116.6920, -29.9212,
-16.3929)**

Conversions

Conversions Part 1

Format	Color
Hex	628A38
RGB	98, 138, 56
RGB Percent	38%, 54%, 22%
CMY	0.6157, 0.4588, 0.7804
CMYK	0.29, 0.00, 0.59, 0.46
HSL	89°, 42%, 38%
HSV	89°, 59%, 54%
XYZ	14.8393, 21.0592, 7.0241
YIQ	116.6920, 2.4820, -33.9820

Conversions

Conversions Part 2

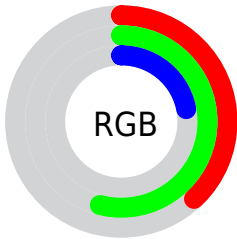
Format	Color
RYB	56, 138, 96
Decimal	6457912
CIELab	53.01, -28.24, 38.78
CIELCh	53, 47.972, 126.066
Yxy	21.0592, 0.3457, 0.4906
Android (android.graphics.Color)	4284647992 (0xFF628A38)
YUV	116.6920, -29.9212, -16.3929
Hunter-Lab	45.8903, -22.5873, 23.0481

Details

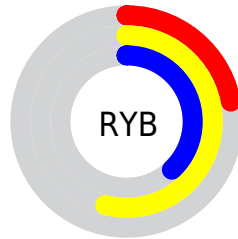
The YUV color **116.6920, -29.9212, -16.3929** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **77.3080, 29.9212, 16.3929**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.9370, -31.5209, -16.6077**, and **66.0510, -31.0841, -16.7077** is the 20% darker color. If you saturate the color by 10%, you get **113.0030, -35.0045, -19.2966**, and if you desaturate by 10%, it is **120.3810, -24.8378, -13.4891**.

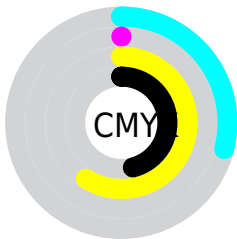
Distribution



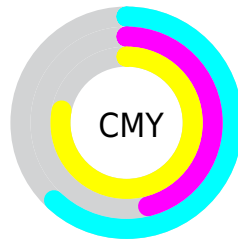
- Red (38%)
- Green (54%)
- Blue (22%)



- Red (22%)
- Yellow (54%)
- Blue (38%)



- Cyan (29%)
- Magenta (0%)
- Yellow (59%)
- Black (46%)



- Cyan (62%)
- Magenta (46%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.6920, -29.9212, -16.3929 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 YUV color 116.6920, -29.9212, -16.3929 by changing the saturation by 10% instead.

■ 116.6920,
-29.9212, -16.3929

■ 116.6920,
-29.9212, -16.3929

■ 255.0000, 0.0000,
0.0000

■ 90.8060, -29.4844,
-16.4929

■ 169.9370,
-31.5209, -16.6077

■ 66.0510, -31.0841,
-16.7077

■ 197.7090,
-32.3945, -16.4078

■ 44.4450, -21.9114,
-18.8073

■ 225.5950,
-32.8313, -16.3078

■ 24.6540, -12.1544,
-21.6216

■ 241.1540,
-27.1909, -5.3971

■ 10.5660, -5.2090,
-9.2664

■ 250.3260,
-17.9087, 4.0991

■ 0.0000, 0.0000,
0.0000

■ 253.6320, -5.2416,

1.1997

■ 116.6920,
-29.9212, -16.3929

■ 116.6920,
-29.9212, -16.3929

■ 113.0030,
-35.0045, -19.2966

■ 120.3810,
-24.8378, -13.4891

■ 109.6130,
-40.2352, -21.5856

■ 123.7710,
-19.6071, -11.2002

■ 106.0380,
-44.8817, -24.5893

■ 127.3460,
-14.9606, -8.1964

■ 102.3490,
-49.9651, -27.4931

■ 131.0350, -9.8773,
-5.2927

■ 102.2350,
-50.4019, -27.3931

■ 134.7240, -4.7939,
-2.3889

■ 138.1140, 0.4368,
-0.1000

■ 141.8030, 5.5201,
2.8038

■ 145.3780, 10.1666,
5.8075

■ 149.0670, 15.2500,
8.7112

Harmonies

Analogous

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



121.0400, -40.9387, 17.5049



116.6920, -29.9212, -16.3929



103.2740, -6.0511, -66.0153

Triad

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



116.6920, -29.9212, -16.3929



105.0940, 47.2817, -92.1674



126.3210, -3.1163, 66.3705

Complementary

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



116.6920, -29.9212, -16.3929



77.3080, 29.9212, 16.3929

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.



129.4230, 15.5675, 46.9870



116.6920, -29.9212, -16.3929



116.6030, 45.5517, -50.5178

Square

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



116.6920, -29.9212, -16.3929



105.5380, 33.7518, -92.5568



129.7200, 31.6900, 9.0156



125.2610, -22.3137, 63.7921

Rectangle

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



116.6920, -29.9212, -16.3929



99.3820, 10.1647, -87.1580



129.7200, 31.6900, 9.0156



127.3080, 3.2992, 61.9969

Sweetspot

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



116.6920, -29.9212, -16.3929



170.4540, -12.0558, -6.5372



103.9980, -23.6630, 29.8198



84.1430, -6.9725, -3.6334



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



116.6920, -29.9212, -16.3929



145.9840, -46.3341, -25.4190



104.4330, -23.8775, -41.5987



67.0060, -2.4680, -1.7593



98.4030, -48.5127, -26.6634



3.8320, -1.8892, -0.7297

Inverse Universe

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



77.3080, 29.9212, 16.3929



85.0160, 46.3341, 25.4190



89.5670, 23.8775, 41.5987



63.6950, 2.6154, 1.1445



34.5970, 48.5127, 26.6634



1.1680, 1.8892, 0.7297

Previews

White Background



This preview shows how the YUV color 116.6920, -29.9212, -16.3929 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 YUV color 116.6920, -29.9212, -16.3929 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](#).

YUV 116.6920, -29.9212, -16.3929 Background



This preview shows how black text looks on a background with the YUV color 116.6920, -29.9212, -16.3929.



This preview shows how white text looks on a background with the YUV color 116.6920, -29.9212, -16.3929.

-16.3929.

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

116.6920, -29.9212, -16.3929

Protanopia

121.8640, -33.9500, 15.9053

Deuteranopia

123.7390, -30.9303, 27.4159



Tritanopia

124.5730, 7.6055, -12.7805

Trichromacy



Original Color

116.6920, -29.9212, -16.3929

Protanomaly

119.8410, -32.4596, 4.5244

Deuteranomaly

121.3410, -30.7341, 11.1019

Tritanomaly

121.6040, -6.2138, -13.6847

Monochromacy



Original Color

116.6920, -29.9212, -16.3929

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0950, -10.8928, -6.2223

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.6920, -29.9212, -16.3929 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(98, 138, 56)` looks like.

```
.text, #text, p{  
    color:rgb(98, 138, 56)  
}
```

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(98, 138, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 138, 56) }
```

Border

The CSS property to change the border of an element to YUV 116.6920, -29.9212, -16.3929 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(98, 138, 56) }
```


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

```
.border{ border-color:rgb(98, 138, 56) }
```

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

Here you see how a box with a 4 pixel rgb(98, 138, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 138, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 138, 56);  
box-shadow:4px 4px 4px 4px rgb(98, 138,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 116.6920, -29.9212, -16.3929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 138, 56) }
```

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

```
.background{ background-color: rgb(98, 138,  
56) }
```

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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