

Converting Colors

YUV(126.2580, -55.3432,
-29.1673)

Have a look what the booklet for
YUV(126.2580, -55.3432, -29.1673)
contains.

YUV(126.2580, -55.3432, -29.1673)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(126.2580, -55.3432,
-29.1673)**

Conversions

Conversions Part 1

Format	Color
Hex	5DA50E
RGB	93, 165, 14
RGB Percent	36%, 65%, 5%
CMY	0.6353, 0.3529, 0.9451
CMYK	0.44, 0.00, 0.92, 0.35
HSL	89°, 84%, 35%
HSV	89°, 92%, 65%
XYZ	18.0486, 29.2691, 5.1137
YIQ	126.2580, 5.5590, -62.2250

Conversions

Conversions Part 2

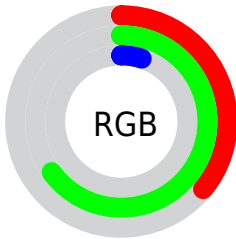
Format	Color
RYB	14, 165, 86
Decimal	6137102
CIELab	61.02, -44.59, 60.63
CIELCh	61, 75.260, 126.329
Yxy	29.2691, 0.3442, 0.5582
Android (android.graphics.Color)	4284327182 (0xFF5DA50E)
YUV	126.2580, -55.3432, -29.1673
Hunter-Lab	54.1010, -35.1273, 32.2665

Details

The YUV color **126.2580, -55.3432, -29.1673** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **52.7420, 55.3432, 29.1673**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.5830, -51.5594, -29.4523**, and **75.3120, -37.1288, -37.9846** is the 20% darker color. If you saturate the color by 10%, you get **122.5690, -60.4265, -32.0710**, and if you desaturate by 10%, it is **130.4740, -49.5337, -25.8487**.

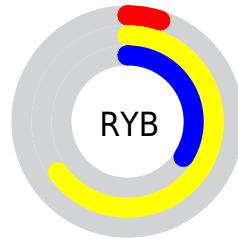
Distribution



Red (36%)

Green (65%)

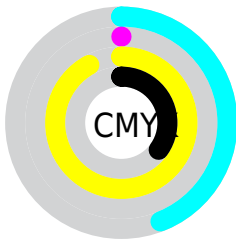
Blue (5%)



Red (5%)

Yellow (65%)

Blue (34%)

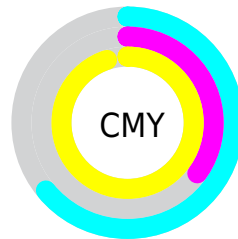


Cyan (44%)

Magenta (0%)

Yellow (92%)

Black (35%)



Cyan (64%)

Magenta (35%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.2580, -55.3432, -29.1673 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 126.2580, -55.3432, -29.1673 by changing the saturation by 10% instead.

■ 126.2580,
-55.3432, -29.1673

■ 126.2580,
-55.3432, -29.1673

■ 255.0000, 0.0000,
0.0000

■ 100.1420,
-49.3700, -31.6965

■ 183.5830,
-51.5594, -29.4523

■ 75.3120, -37.1288,
-37.9846

■ 211.4690,
-51.9962, -29.3523

■ 51.0690, -25.1770,
-44.7875

■ 226.7400,
-46.2138, -17.3120

■ 36.9810, -18.2316,
-32.4323

■ 238.9020,
-38.4057, -1.6681

■ 24.6540, -12.1544,
-21.6216

■ 247.4760,
-28.8287, 6.5985

■ 4.1090, -2.0257,
-3.6036

■ 250.7820,

■ 0.0000, 0.0000,

-16.1615, 3.6992

0.0000

254.2020, -3.0576,
0.6998

■ 126.2580,
-55.3432, -29.1673

■ 126.2580,
-55.3432, -29.1673

■ 122.5690,
-60.4265, -32.0710

■ 130.4740,
-49.5337, -25.8487

■ 134.8040,
-43.2874, -22.6301

■ 139.1340,
-37.0411, -19.4115

■ 143.0510,
-31.0841, -16.7077

■ 147.2670,
-25.2746, -13.3892

■ 151.5970,
-19.0283, -10.1706

■ 155.9270,
-12.7820, -6.9520

■ 160.1430, -6.9725,
-3.6334

■ 164.4730, -0.7262,
-0.4148

Harmonies

Analogous

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



136.4990, -67.2940, 24.1184



126.2580, -55.3432, -29.1673



112.3980, -11.0422, -98.5730

Triad

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



126.2580, -55.3432, -29.1673



127.6860, 62.7658, -111.9806



134.0130, 0.9796, 106.1056

Complementary

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



126.2580, -55.3432, -29.1673



52.7420, 55.3432, 29.1673

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.



146.1340, 27.5419, 79.6895



126.2580, -55.3432, -29.1673



117.7070, 67.6854, -103.2290

Square

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



126.2580, -55.3432, -29.1673



128.9620, 47.3467, -113.0997



150.6060, 51.4662, 12.6235



138.1580, -32.6159, 101.5934

Rectangle

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



126.2580, -55.3432, -29.1673



118.9300, 8.9085, -104.3016



150.6060, 51.4662, 12.6235



137.1080, 10.2998, 103.3913

Sweetspot

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



126.2580, -55.3432, -29.1673



199.3150, -21.3543, -10.8003



100.2390, -42.5158, 56.7954



98.3400, -12.4926, -6.4372



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



126.2580, -55.3432, -29.1673



159.1060, -78.4393, -41.3120



104.1320, -44.4351, -74.6608



79.7780, -3.3416, -1.5593



107.8390, -53.1646, -27.9228



13.2570, -6.5357, -3.7334

Inverse Universe

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



52.7420, 55.3432, 29.1673



54.8940, 78.4393, 41.3120



74.8680, 44.4351, 74.6608



75.2220, 3.3416, 1.5593



37.1610, 53.1646, 27.9228



4.7430, 6.5357, 3.7334

Previews

White Background



This preview shows how the YUV color 126.2580, -55.3432, -29.1673 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 126.2580, -55.3432, -29.1673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

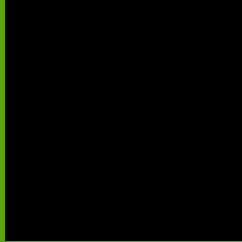
Any Text WCAG AA ✓ Pass

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 126.2580, -55.3432, -29.1673 Background



This preview shows how black text looks on a background with the YUV color 126.2580, -55.3432, -29.1673.



This preview shows how white text looks on a background with the YUV color 126.2580, -55.3432, -29.1673.

-29.1673.

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

126.2580, -55.3432, -29.1673

Protanopia

135.6240, -66.8626, 25.7628

Deuteranopia

140.5990, -52.0603, 38.0627



Tritanopia

142.5220, 11.5747, -25.8908

Trichromacy



Original Color

126.2580, -55.3432, -29.1673

Protanomaly

132.5290, -62.8718, 5.6751

Deuteranomaly

135.1030, -53.2948, 13.9417

Tritanomaly

136.5070, -12.5750, -26.7546

Monochromacy



Original Color

126.2580, -55.3432, -29.1673

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9560, -20.1913, -10.4854

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.2580, -55.3432, -29.1673 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(93, 165, 14)` looks like.

```
.text, #text, p{  
    color:rgb(93, 165, 14)  
}
```

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(93, 165, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 165, 14) }
```

Border

The CSS property to change the border of an element to YUV 126.2580, -55.3432, -29.1673 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(93, 165, 14) }
```


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

```
.border{ border-color:rgb(93, 165, 14) }
```

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

Here you see how a box with a 4 pixel rgb(93, 165, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 165, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 165, 14);  
box-shadow:4px 4px 4px 4px rgb(93, 165,  
14) }
```

Background

The CSS property to change the background color of an element to YUV 126.2580, -55.3432, -29.1673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 165, 14) }
```

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

```
.background{ background-color: rgb(93, 165,  
14) }
```

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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