

Converting Colors

YUV(128.8910, -45.3023,
-29.7224)

Have a look what the booklet for
YUV(128.8910, -45.3023, -29.7224)
contains.

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Color

**YUV(128.8910, -45.3023,
-29.7224)**

Conversions

Conversions Part 1

Format	Color
Hex	5FA425
RGB	95, 164, 37
RGB Percent	37%, 64%, 15%
CMY	0.6275, 0.3569, 0.8549
CMYK	0.42, 0.00, 0.77, 0.36
HSL	93°, 63%, 39%
HSV	93°, 77%, 64%
XYZ	18.3287, 29.1174, 6.4045
YIQ	128.8910, -0.3570, -54.1250

Conversions

Conversions Part 2

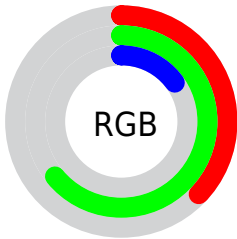
Format	Color
R_{YB}	37, 164, 106
Decimal	6267941
CIE _{Lab}	60.89, -42.53, 54.78
CIE _{LCh}	61, 69.353, 127.826
Yxy	29.1174, 0.3404, 0.5407
Android (android.graphics.Color)	4284458021 (0xFF5FA425)
YUV	128.8910, -45.3023, -29.7224
Hunter-Lab	53.9605, -33.8001, 30.7354

Details

The YUV color **128.8910, -45.3023, -29.7224** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **72.1090, 45.3023, 29.7224**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.7770, -45.7391, -29.6224**, and **76.2200, -37.5765, -34.3959** is the 20% darker color. If you saturate the color by 10%, you get **124.3760, -50.9644, -33.6558**, and if you desaturate by 10%, it is **133.4060, -39.6402, -25.7891**.

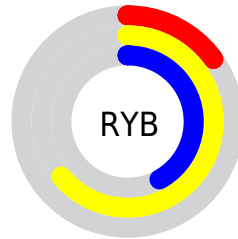
Distribution



Red (37%)

Green (64%)

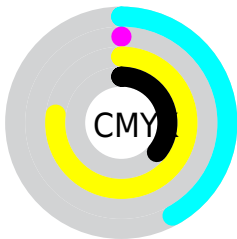
Blue (15%)



Red (15%)

Yellow (64%)

Blue (42%)

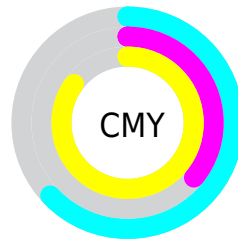


Cyan (42%)

Magenta (0%)

Yellow (77%)

Black (36%)



Cyan (63%)

Magenta (36%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.8910, -45.3023, -29.7224 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 128.8910, -45.3023, -29.7224 by changing the saturation by 10% instead.

■ 128.8910,
-45.3023, -29.7224

■ 128.8910,
-45.3023, -29.7224

■ 255.0000, 0.0000,
0.0000

■ 100.4520,
-49.5228, -29.3374

■ 184.7770,
-45.7391, -29.6224

■ 76.2200, -37.5765,
-34.3959

■ 212.6630,
-46.1759, -29.5225

■ 50.4820, -24.8876,
-44.2727

■ 228.5210,
-40.6829, -17.9969

■ 36.3940, -17.9422,
-31.9175

■ 240.3840,
-32.7273, -2.9678

■ 24.0670, -11.8650,
-21.1068

■ 248.9580,
-23.1503, 5.2988

■ 3.5220, -1.7363,
-3.0888

■ 252.2640,

■ 0.0000, 0.0000,

-10.4832, 2.3995

0.0000

■ 128.8910,
-45.3023, -29.7224

■ 128.8910,
-45.3023, -29.7224

■ 124.3760,
-50.9644, -33.6558

■ 133.4060,
-39.6402, -25.7891

■ 119.7470,
-57.0633, -37.4891

■ 138.0350,
-33.5413, -21.9557

■ 118.6930,
-58.5156, -38.3188

■ 142.5500,
-27.8792, -18.0224

■ 147.1790,
-21.7802, -14.1890

■ 151.6940,
-16.1181, -10.2556

■ 155.9100,
-10.3086, -6.9371

■ 160.5390, -4.2097,
-3.1037

■ 165.0540, 1.4524,
0.8296

■ 169.6830, 7.5513,
4.6630

Harmonies

Analogous

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



135.6020, -66.8518, 22.2740



128.8910, -45.3023, -29.7224



112.1360, -6.9690, -98.3433

Triad

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



128.8910, -45.3023, -29.7224



126.5120, 63.3446, -110.9510



139.5410, -3.2247, 101.2575

Complementary

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



128.8910, -45.3023, -29.7224



72.1090, 45.3023, 29.7224

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.



146.6620, 23.3376, 74.8414



128.8910, -45.3023, -29.7224



116.5330, 68.2642, -102.1994

Square

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



128.8910, -45.3023, -29.7224



126.7450, 46.4677, -111.1554



150.5480, 46.0718, 16.1824



140.2170, -32.1520, 92.7717

Rectangle

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



128.8910, -45.3023, -29.7224



118.0980, 10.7977, -103.5719



150.5480, 46.0718, 16.1824



141.6250, 6.1009, 96.7989

Sweetspot

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



128.8910, -45.3023, -29.7224



200.3410, -17.4231, -11.7001



114.8890, -38.3993, 43.0703



98.7960, -10.7454, -6.8371



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.



128.8910, -45.3023, -29.7224



159.0220, -71.0028, -46.5003



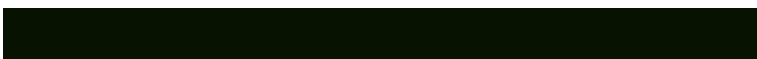
112.0050, -35.0055, -65.7794



79.4790, -3.1941, -2.1741



104.8490, -51.6906, -34.0706



12.9580, -6.3883, -4.3482

Inverse Universe

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



72.1090, 45.3023, 29.7224



69.9780, 71.0028, 46.5003



88.9950, 35.0055, 65.7794



75.5210, 3.1941, 2.1741



40.1510, 51.6906, 34.0706



5.0420, 6.3883, 4.3482

Previews

White Background



This preview shows how the YUV color 128.8910, -45.3023, -29.7224 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 128.8910, -45.3023, -29.7224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

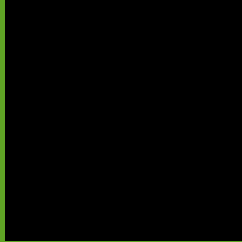
Any Text WCAG AA ✓ Pass

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 128.8910, -45.3023, -29.7224 Background



This preview shows how black text looks on a background with the YUV color 128.8910, -45.3023, -29.7224.



This preview shows how white text looks on a background with the YUV color 128.8910, -45.3023, -29.7224.

-29.7224.

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

128.8910, -45.3023, -29.7224

Protanopia

138.5000, -52.0115, 22.3635

Deuteranopia

141.7820, -46.2345, 36.1482



Tritanopia

142.7070, 10.9904, -25.1760

Trichromacy



Original Color

128.8910, -45.3023, -29.7224

Protanomaly

135.2480, -49.9153, 3.2905

Deuteranomaly

137.0410, -45.8692, 12.2420

Tritanomaly

137.6040, -9.6648, -26.8397

Monochromacy



Original Color

128.8910, -45.3023, -29.7224

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.2810, -16.4075, -10.7704

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.8910, -45.3023, -29.7224 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(95, 164, 37)` looks like.

```
.text, #text, p{  
    color:rgb(95, 164, 37)  
}
```

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(95, 164, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 164, 37) }
```

Border

The CSS property to change the border of an element to YUV 128.8910, -45.3023, -29.7224 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(95, 164, 37) }
```


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

```
.border{ border-color:rgb(95, 164, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 164, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 164, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 164, 37);  
box-shadow:4px 4px 4px 4px rgb(95, 164,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 128.8910, -45.3023, -29.7224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 164, 37) }
```

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

```
.background{ background-color: rgb(95, 164,  
37) }
```

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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