

Converting Colors

YUV(128.0540, -29.1136,
-42.1434)

Have a look what the booklet for
YUV(128.0540, -29.1136, -42.1434)
contains.

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Color

**YUV(128.0540, -29.1136,
-42.1434)**

Conversions

Conversions Part 1

Format	Color
Hex	50A445
RGB	80, 164, 69
RGB Percent	31%, 64%, 27%
CMY	0.6863, 0.3569, 0.7294
CMYK	0.51, 0.00, 0.58, 0.36
HSL	113°, 41%, 46%
HSV	113°, 58%, 64%
XYZ	17.6579, 28.6861, 10.2365
YIQ	128.0540, -19.5690, -47.3530

Conversions

Conversions Part 2

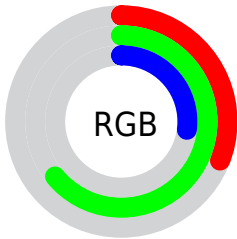
Format	Color
R_{YB}	69, 164, 153
Decimal	5284933
CIE _{Lab}	60.50, -44.46, 40.96
CIE _{LCh}	61, 60.449, 137.342
Yxy	28.6861, 0.3121, 0.5070
Android (android.graphics.Color)	4283475013 (0xFF50A445)
YUV	128.0540, -29.1136, -42.1434
Hunter-Lab	53.5594, -34.8795, 26.1598

Details

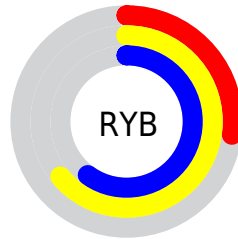
The YUV color **128.0540, -29.1136, -42.1434** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **104.9460, 29.1136, 42.1434**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.4840, -31.2976, -41.6435**, and **71.5800, -26.9079, -49.6207** is the 20% darker color. If you saturate the color by 10%, you get **121.7450, -33.8913, -49.7654**, and if you desaturate by 10%, it is **134.3630, -24.3360, -34.5214**.

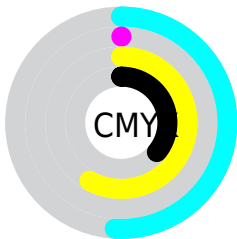
Distribution



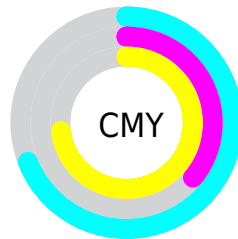
- Red (31%)
- Green (64%)
- Blue (27%)



- Red (27%)
- Yellow (64%)
- Blue (60%)



- Cyan (51%)
- Magenta (0%)
- Yellow (58%)
- Black (36%)



- Cyan (69%)
- Magenta (36%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.0540, -29.1136, -42.1434 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 128.0540, -29.1136, -42.1434 by changing the saturation by 10% instead.

■ 128.0540,
-29.1136, -42.1434

■ 128.0540,
-29.1136, -42.1434

■ 255.0000, 0.0000,
0.0000

■ 100.6840,
-27.9452, -43.5729

■ 183.4840,
-31.2976, -41.6435

■ 71.5800, -26.9079,
-49.6207

■ 211.9570,
-32.0238, -42.0583

■ 50.4820, -24.8876,
-44.2727

■ 226.9290,
-26.0940, -30.6327

■ 36.3940, -17.9422,
-31.9175

■ 238.7920,
-18.1385, -15.6036

■ 24.0670, -11.8650,
-21.1068

■ 250.9540,
-10.3303, 0.0403

■ 1.7610, -0.8682,
-1.5444

■ 0.0000, 0.0000,

0.0000

■ 128.0540,
-29.1136, -42.1434

■ 128.0540,
-29.1136, -42.1434

■ 121.7450,
-33.8913, -49.7654

■ 134.3630,
-24.3360, -34.5214

■ 115.6210,
-39.2532, -56.6726

■ 140.4870,
-18.9741, -27.6141

■ 109.3120,
-44.0308, -64.2946

■ 146.7960,
-14.1964, -19.9921

■ 103.1880,
-49.3927, -71.2019

■ 152.9200, -8.8346,
-13.0848

■ 101.9490,
-50.2609, -72.7463

■ 159.2290, -4.0569,
-5.4628

■ 165.2390, 0.8682,
1.5444

■ 171.6620, 6.0826,
9.0664

■ 177.6720, 11.0077,
16.0737

■ 184.0950, 16.2222,
23.5957

Harmonies

Analogous

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



136.2870, -52.3995, 6.7643



128.0540, -29.1136, -42.1434



113.5840, 3.6561, -99.6132

Triad

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



128.0540, -29.1136, -42.1434



121.2460, 63.4757, -106.3327



142.0480, -12.3487, 87.6579

Complementary

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



128.0540, -29.1136, -42.1434



104.9460, 29.1136, 42.1434

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.



146.0890, 12.2811, 74.4669



128.0540, -29.1136, -42.1434



141.5370, 52.4863, -34.6739

Square

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



128.0540, -29.1136, -42.1434



124.0380, 48.7883, -108.7813



150.1450, 33.9455, 32.3218



142.0700, -36.0235, 74.4836

Rectangle

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



128.0540, -29.1136, -42.1434



118.3890, 19.5282, -103.8272



150.1450, 33.9455, 32.3218



142.9260, -3.9075, 86.8879

Sweetspot

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



128.0540, -29.1136, -42.1434



200.3280, -11.0077, -16.0737



146.7130, -38.3125, 15.1607



98.9250, -6.3720, -9.5812



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.



128.0540, -29.1136, -42.1434



157.4320, -46.0620, -66.1539



128.8690, -11.7674, -52.5051



78.5820, -2.7519, -4.0184



90.1980, -44.4676, -64.1946



11.1640, -5.5039, -8.0368

Inverse Universe

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



104.9460, 29.1136, 42.1434



120.8670, 45.9146, 66.7686



104.1310, 11.7674, 52.5051



76.4180, 2.7519, 4.0184



55.1010, 44.3202, 64.8094



6.8360, 5.5039, 8.0368

Previews

White Background



This preview shows how the YUV color 128.0540, -29.1136, -42.1434 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 128.0540, -29.1136, -42.1434 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 128.0540, -29.1136, -42.1434 Background



This preview shows how black text looks on a background with the YUV color 128.0540, -29.1136, -42.1434.



This preview shows how white text looks on a background with the YUV color 128.0540, -29.1136, -42.1434.

-42.1434.

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

128.0540, -29.1136, -42.1434

Protanopia

140.4360, -38.1759, 18.0346

Deuteranopia

142.8920, -32.9778, 30.7897



Tritanopia

139.2220, 13.2016, -34.3977

Trichromacy



Original Color

128.0540, -29.1136, -42.1434

Protanomaly

136.1020, -35.0533, -3.5975

Deuteranomaly

137.0690, -31.5860, 4.3245

Tritanomaly

135.4870, -2.2121, -37.2611

Monochromacy



Original Color

128.0540, -29.1136, -42.1434

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.1540, -10.4289, -15.0441

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.0540, -29.1136, -42.1434 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(80, 164, 69)` looks like.

```
.text, #text, p{  
    color:rgb(80, 164, 69)  
}
```

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(80, 164, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 164, 69) }
```

Border

The CSS property to change the border of an element to YUV 128.0540, -29.1136, -42.1434 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(80, 164, 69) }
```


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

```
.border{ border-color:rgb(80, 164, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 164, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 164, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 164, 69);  
box-shadow:4px 4px 4px 4px rgb(80, 164,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 128.0540, -29.1136, -42.1434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 164, 69) }
```

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

```
.background{ background-color: rgb(80, 164,  
69) }
```

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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