

Converting Colors

YUV(112.6270, -14.6061,
-28.6139)

Have a look what the booklet for
YUV(112.6270, -14.6061, -28.6139)
contains.

YUV(112.6270, -14.6061, -28.6139)	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(112.6270, -14.6061,
-28.6139)**

Conversions

Conversions Part 1

Format	Color
Hex	508753
RGB	80, 135, 83
RGB Percent	31%, 53%, 33%
CMY	0.6863, 0.4706, 0.6745
CMYK	0.41, 0.00, 0.39, 0.47
HSL	123°, 26%, 42%
HSV	123°, 41%, 53%
XYZ	13.5336, 19.6580, 11.2647
YIQ	112.6270, -16.0880, -27.8320

Conversions

Conversions Part 2

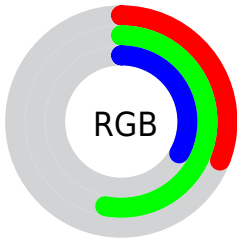
Format	Color
R_{YB}	80, 132, 135
Decimal	5277523
CIE _{Lab}	51.45, -29.63, 22.40
CIE _{LCh}	51, 37.147, 142.913
Yxy	19.6580, 0.3044, 0.4422
Android (android.graphics.Color)	4283467603 (0xFF508753)
YUV	112.6270, -14.6061, -28.6139
Hunter-Lab	44.3373, -23.1047, 15.9724

Details

The YUV color **112.6270, -14.6061, -28.6139** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **102.3730, 14.6061, 28.6139**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.5730, -16.0585, -29.4435**, and **62.7840, -12.7115, -29.6286** is the 20% darker color. If you saturate the color by 10%, you get **106.9590, -18.2208, -35.9210**, and if you desaturate by 10%, it is **118.2950, -10.9914, -21.3067**.

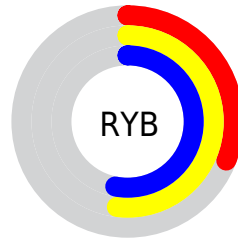
Distribution



Red (31%)

Green (53%)

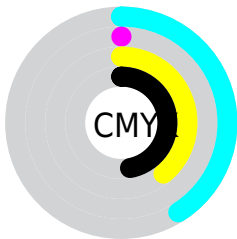
Blue (33%)



Red (31%)

Yellow (52%)

Blue (53%)

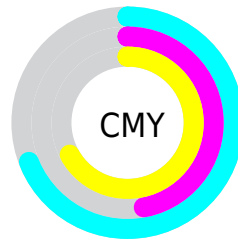


Cyan (41%)

Magenta (0%)

Yellow (39%)

Black (47%)



Cyan (69%)

Magenta (47%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.6270, -14.6061, -28.6139 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 112.6270, -14.6061, -28.6139 by changing the saturation by 10% instead.

■ 112.6270,
-14.6061, -28.6139

■ 112.6270,
-14.6061, -28.6139

■ 255.0000, 0.0000,
0.0000

■ 87.1540, -13.8799,
-28.1991

■ 165.5730,
-16.0585, -29.4435

■ 62.7840, -12.7115,
-29.6286

■ 193.0460,
-16.7847, -29.8583

■ 37.5170, -11.1009,
-32.9024

■ 220.6330,
-17.0741, -30.3731

■ 22.8930, -11.2862,
-20.0772

■ 238.0670,
-11.8650, -21.1068

■ 5.8700, -2.8939,
-5.1480

■ 250.0440, -3.4727,
-6.1776

■ 0.0000, 0.0000,
0.0000

■ 112.6270,
-14.6061, -28.6139

■ 112.6270,
-14.6061, -28.6139

■ 106.9590,
-18.2208, -35.9210

■ 118.2950,
-10.9914, -21.3067

■ 101.5900,
-21.9829, -42.6134

■ 123.6640, -7.2294,
-14.6143

■ 96.0360, -25.1607,
-50.0206

■ 128.9190, -3.9041,
-7.8220

■ 90.6670, -28.9228,
-56.7130

■ 134.5870, -0.2894,
-0.5148

■ 84.9990, -32.5375,
-64.0201

■ 139.9560, 3.4727,
6.1776

■ 80.0430, -36.0102,
-70.1977

■ 145.6240, 7.0874,
13.4848

■ 151.1780, 10.2652,
20.8919

■ 156.5470, 14.0273,

27.5843

■ 162.2150, 17.6420,
34.8914

Harmonies

Analogous

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



117.4860, -27.3546, 0.4508



112.6270, -14.6061, -28.6139



99.6830, 7.0583, -70.7590

Triad

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



112.6270, -14.6061, -28.6139



111.1760, 36.3952, -53.6514



123.6430, -11.6560, 52.0561

Complementary

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



112.6270, -14.6061, -28.6139



102.3730, 14.6061, 28.6139

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.



125.0950, 2.9112, 46.3977



112.6270, -14.6061, -28.6139



123.3990, 28.3973, -8.2429

Square

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



112.6270, -14.6061, -28.6139



98.8530, 36.0615, -86.6941



126.3340, 17.0903, 25.1401



122.5590, -24.4326, 43.3598

Rectangle

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



112.6270, -14.6061, -28.6139



97.0970, 19.1792, -85.1541



126.3340, 17.0903, 25.1401



124.1960, -6.9986, 51.5711

Sweetspot

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



112.6270, -14.6061, -28.6139



167.4410, -5.6404, -10.9108



127.8330, -23.5817, 3.6545



84.0440, -3.4727, -6.1776



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.



112.6270, -14.6061, -28.6139



140.9380, -23.1404, -44.6726



115.7050, -2.8126, -31.3133



63.5220, -1.7363, -3.0888



77.1080, -34.5632, -67.6237



1.7610, -0.8682, -1.5444

Inverse Universe

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



102.3730, 14.6061, 28.6139



124.9480, 22.7036, 44.7726



99.2950, 2.8126, 31.3133



62.4780, 1.7363, 3.0888



52.8920, 34.5632, 67.6237



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 112.6270, -14.6061, -28.6139 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 112.6270, -14.6061, -28.6139 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 112.6270, -14.6061, -28.6139 Background



This preview shows how black text looks on a background with the YUV color 112.6270, -14.6061, -28.6139.



This preview shows how white text looks on a background with the YUV color 112.6270, -14.6061, -28.6139.

-28.6139.

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

112.6270, -14.6061, -28.6139

Protanopia

120.2730, -20.8406, 11.1616

Deuteranopia

121.9520, -17.2313, 20.2131



Tritanopia

118.1910, 10.2588, -23.8465

Trichromacy



Original Color

112.6270, -14.6061, -28.6139

Protanomaly

117.7550, -18.6132, -3.2931

Deuteranomaly

118.7710, -16.1561, 1.9548

Tritanomaly

116.4760, 1.2443, -25.8505

Monochromacy



Original Color

112.6270, -14.6061, -28.6139

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8540, -5.3510, -10.3960

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.6270, -14.6061, -28.6139 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, 135, 83)` looks like.

```
.text, #text, p{  
    color:rgb(80, 135, 83)  
}
```

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, 135, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 135, 83) }
```

Border

The CSS property to change the border of an element to YUV 112.6270, -14.6061, -28.6139 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, 135, 83) }
```


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

```
.border{ border-color:rgb(80, 135, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 135, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 135, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 135, 83);  
box-shadow:4px 4px 4px 4px rgb(80, 135,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 112.6270, -14.6061, -28.6139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 135, 83) }
```

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

```
.background{ background-color: rgb(80, 135,  
83) }
```

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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