

Converting Colors

YUV(140.8520, -22.6050,
-29.6882)

Have a look what the booklet for
YUV(140.8520, -22.6050, -29.6882)
contains.

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Color

**YUV(140.8520, -22.6050,
-29.6882)**

Conversions

Conversions Part 1

Format	Color
Hex	6BA75F
RGB	107, 167, 95
RGB Percent	42%, 65%, 37%
CMY	0.5804, 0.3451, 0.6275
CMYK	0.36, 0.00, 0.43, 0.35
HSL	110°, 29%, 51%
HSV	110°, 43%, 65%
XYZ	21.9477, 31.5895, 15.7671
YIQ	140.8520, -12.6480, -35.1120

Conversions

Conversions Part 2

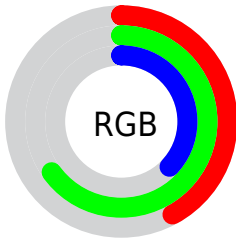
Format	Color
RYB	95, 167, 155
Decimal	7055199
CIELab	63.00, -33.77, 31.19
CIELCh	63, 45.970, 137.283
Yxy	31.5895, 0.3167, 0.4558
Android (android.graphics.Color)	4285245279 (0xFF6BA75F)
YUV	140.8520, -22.6050, -29.6882
Hunter-Lab	56.2045, -28.6542, 22.7105

Details

The YUV color **140.8520, -22.6050, -29.6882** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **121.1480, 22.6050, 29.6882**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.6840, -24.4942, -30.4179**, and **88.7210, -20.5685, -29.5733** is the 20% darker color. If you saturate the color by 10%, you get **134.7280, -27.9669, -36.5955**, and if you desaturate by 10%, it is **146.9760, -17.2432, -22.7810**.

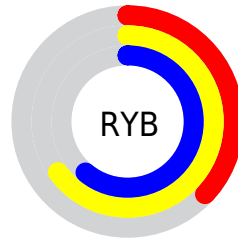
Distribution



Red (42%)

Green (65%)

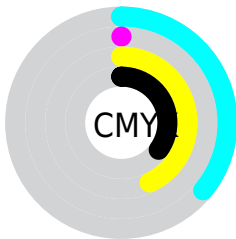
Blue (37%)



Red (37%)

Yellow (65%)

Blue (61%)

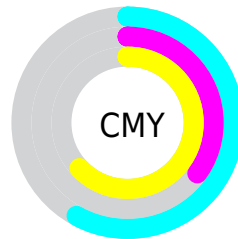


Cyan (36%)

Magenta (0%)

Yellow (43%)

Black (35%)



Cyan (58%)

Magenta (35%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.8520, -22.6050, -29.6882 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 140.8520, -22.6050, -29.6882 by changing the saturation by 10% instead.

■ 140.8520,
-22.6050, -29.6882

■ 140.8520,
-22.6050, -29.6882

■ 255.0000, 0.0000,
0.0000

■ 114.4930,
-21.4420, -29.3734

■ 195.6840,
-24.4942, -30.4179

■ 88.7210, -20.5685,
-29.5733

■ 223.5700,
-24.9310, -30.3179

■ 63.8240, -20.1262,
-31.4176

■ 237.4820,
-17.9856, -17.9627

■ 38.7420, -19.0998,
-33.9767

■ 249.3450,
-10.0301, -2.9336

■ 25.2410, -12.4438,
-22.1364

■ 10.5660, -5.2090,
-9.2664

■ 0.0000, 0.0000,

0.0000

■ 140.8520,
-22.6050, -29.6882

■ 140.8520,
-22.6050, -29.6882

■ 134.7280,
-27.9669, -36.5955

■ 146.9760,
-17.2432, -22.7810

■ 128.7180,
-32.8920, -43.6027

■ 152.9860,
-12.3181, -15.7737

■ 122.5940,
-38.2538, -50.5099

■ 159.1100, -6.9562,
-8.8665

■ 116.4700,
-43.6157, -57.4172

■ 165.2340, -1.5944,
-1.9592

■ 110.4600,
-48.5408, -64.4244

■ 171.2440, 3.3307,
5.0480

■ 106.4010,
-52.4557, -68.7577

■ 177.0690, 8.8400,
11.3405

■ 183.1930, 14.2019,
18.2477

■ 189.3170, 19.5637,
25.1550

■ 195.3270, 24.4888,
32.1622

Harmonies

Analogous

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



146.8860, -37.4118, 6.2390



140.8520, -22.6050, -29.6882



125.9930, 3.4545, -81.5549

Triad

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



140.8520, -22.6050, -29.6882



121.8410, 54.3084, -105.9776



153.4430, -11.5574, 67.1405

Complementary

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



140.8520, -22.6050, -29.6882



121.1480, 22.6050, 29.6882

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.



155.5290, 8.1202, 55.6641



140.8520, -22.6050, -29.6882



151.0690, 38.9130, -21.1085

Square

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



140.8520, -22.6050, -29.6882



123.8440, 42.9679, -108.6112



157.3970, 24.9473, 25.0848



151.9200, -28.5546, 58.8292

Rectangle

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



140.8520, -22.6050, -29.6882



119.9050, 20.2598, -105.1567



157.3970, 24.9473, 25.0848



154.1530, -5.0054, 65.6408

Sweetspot

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



140.8520, -22.6050, -29.6882



206.6320, -8.6926, -11.9553



151.7480, -27.9768, 13.3760



103.4630, -5.6513, -7.4221



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



140.8520, -22.6050, -29.6882



176.0120, -35.5019, -46.4915



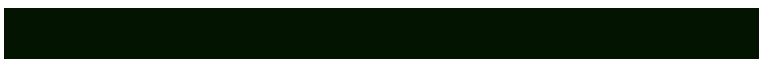
140.0000, -10.3530, -39.4650



80.9950, -2.4625, -3.5036



94.3510, -46.5150, -60.8208



12.6370, -6.2300, -8.4516

Inverse Universe

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



121.1480, 22.6050, 29.6882



144.9880, 35.5019, 46.4915



122.0000, 10.3530, 39.4650



79.0050, 2.4625, 3.5036



53.6490, 46.5150, 60.8208



7.3630, 6.2300, 8.4516

Previews

White Background



This preview shows how the YUV color 140.8520, -22.6050, -29.6882 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 140.8520, -22.6050, -29.6882 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 140.8520, -22.6050, -29.6882 Background



This preview shows how black text looks on a background with the YUV color 140.8520, -22.6050, -29.6882.



This preview shows how white text looks on a background with the YUV color 140.8520, -22.6050, -29.6882.

-29.6882.

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

140.8520, -22.6050, -29.6882

Protanopia

149.0040, -29.5820, 14.9055

Deuteranopia

150.9330, -25.1100, 27.2458



Tritanopia

148.4190, 11.1324, -24.0465

Trichromacy



Original Color

140.8520, -22.6050, -29.6882

Protanomaly

145.8880, -27.0598, -0.7788

Deuteranomaly

147.3280, -24.3187, 6.7283

Tritanomaly

145.4930, -1.2290, -25.8654

Monochromacy



Original Color

140.8520, -22.6050, -29.6882

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.7570, -8.2612, -10.3109

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.8520, -22.6050, -29.6882 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(107, 167, 95)` looks like.

```
.text, #text, p{  
    color:rgb(107, 167, 95)  
}
```

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(107, 167, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 167, 95) }
```

Border

The CSS property to change the border of an element to YUV 140.8520, -22.6050, -29.6882 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(107, 167, 95) }
```


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

```
.border{ border-color:rgb(107, 167, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 167, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 167, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 167, 95);  
box-shadow:4px 4px 4px 4px rgb(107, 167,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 140.8520, -22.6050, -29.6882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 167, 95) }
```

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

```
.background{ background-color: rgb(107,  
167, 95) }
```

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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