

Converting Colors

YUV(140.8110, -20.6128,
-62.1012)

Have a look what the booklet for
YUV(140.8110, -20.6128, -62.1012)
contains.

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Color

**YUV(140.8110, -20.6128,
-62.1012)**

Conversions

Conversions Part 1

Format	Color
Hex	46B963
RGB	70, 185, 99
RGB Percent	27%, 73%, 39%
CMY	0.7255, 0.2745, 0.6118
CMYK	0.62, 0.00, 0.46, 0.27
HSL	135°, 45%, 50%
HSV	135°, 62%, 73%
XYZ	22.1269, 36.9009, 17.7608
YIQ	140.8110, -40.9340, -51.1260

Conversions

Conversions Part 2

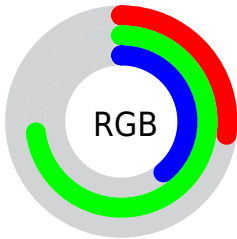
Format	Color
RYB	70, 162, 185
Decimal	4634979
CIELab	67.20, -51.05, 34.18
CIELCh	67, 61.431, 146.199
Yxy	36.9009, 0.2882, 0.4806
Android (android.graphics.Color)	4282825059 (0xFF46B963)
YUV	140.8110, -20.6128, -62.1012
Hunter-Lab	60.7461, -41.2867, 25.1872

Details

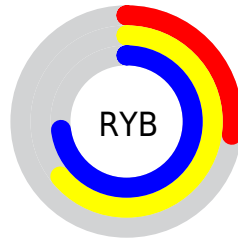
The YUV color **140.8110, -20.6128, -62.1012** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **114.1890, 20.6128, 62.1012**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.8390, -23.0916, -60.3718**, and **82.5970, -16.0703, -72.4376** is the 20% darker color. If you saturate the color by 10%, you get **133.8330, -24.0747, -71.7675**, and if you desaturate by 10%, it is **148.0880, -17.2984, -51.8202**.

Distribution



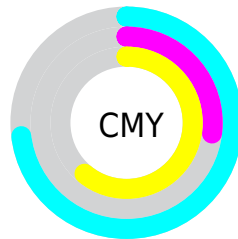
- Red (27%)
- Green (73%)
- Blue (39%)



- Red (27%)
- Yellow (64%)
- Blue (73%)



- Cyan (62%)
- Magenta (0%)
- Yellow (46%)
- Black (27%)



- Cyan (73%)
- Magenta (27%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.8110, -20.6128, -62.1012 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 140.8110, -20.6128, -62.1012 by changing the saturation by 10% instead.

■ 140.8110,
-20.6128, -62.1012

■ 140.8110,
-20.6128, -62.1012

■ 255.0000, 0.0000,
0.0000

■ 111.0600,
-18.2706, -66.7046

■ 197.8390,
-23.0916, -60.3718

■ 82.5970, -16.0703,
-72.4376

■ 217.2190,
-19.3350, -51.9351

■ 64.5990, -19.0293,
-56.6533

■ 229.0820,
-11.3794, -36.9059

■ 46.3730, -22.8619,
-40.6691

■ 241.2440, -3.5713,
-21.2620

■ 32.2850, -15.9165,
-28.3139

■ 252.6080, 1.1793,
-4.9182

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,

0.0000

■ 140.8110,
-20.6128, -62.1012

■ 140.8110,
-20.6128, -62.1012

■ 133.8330,
-24.0747, -71.7675

■ 148.0880,
-17.2984, -51.8202

■ 126.5560,
-27.3891, -82.0486

■ 155.0660,
-13.8365, -42.1539

■ 119.2790,
-30.7035, -92.3297

■ 162.3430,
-10.5221, -31.8728

■ 113.9530,
-33.0078, -99.9368

■ 169.2070, -7.4971,
-22.1065

■ 176.4840, -4.1826,
-11.8255

■ 183.4620, -0.7208,
-2.1592

■ 190.7390, 2.5937,
8.1219

■ 197.7170, 6.0555,
17.7882

■ 204.9940, 9.3700,
28.0693

Harmonies

Analogous

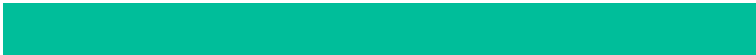
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



152.4640, -47.5568, -6.5459



140.8110, -20.6128, -62.1012



129.0860, 12.2826, -113.2084

Triad

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



140.8110, -20.6128, -62.1012



130.0340, 61.6082, -114.0398



158.3760, -19.9054, 84.7392

Complementary

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



140.8110, -20.6128, -62.1012



114.1890, 20.6128, 62.1012

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.



162.2980, 5.2761, 81.2997



140.8110, -20.6128, -62.1012



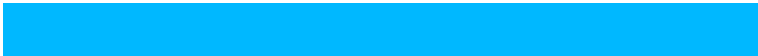
163.7420, 44.9902, -10.2977

Square

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



140.8110, -20.6128, -62.1012



137.0780, 58.1355, -120.2174



167.8760, 28.6551, 49.2207



160.2730, -44.0116, 69.9206

Rectangle

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



140.8110, -20.6128, -62.1012



133.5320, 29.3177, -117.1076



167.8760, 28.6551, 49.2207



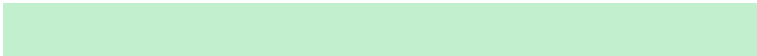
158.6670, -11.1748, 84.4840

Sweetspot

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



140.8110, -20.6128, -62.1012



222.3700, -8.0704, -24.8805



163.2190, -45.9570, -6.3311



109.2340, -5.0454, -15.1142



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



140.8110, -20.6128, -62.1012



170.7900, -32.4345, -97.1628



147.3090, 4.2847, -67.8000



88.5110, -1.7309, -4.8331



96.0180, -28.1099, -84.2078



17.2340, -5.0454, -15.1142

Inverse Universe

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



114.1890, 20.6128, 62.1012



129.0960, 31.9977, 97.2628



107.6910, -4.2847, 67.8000



86.3750, 1.2941, 4.9331



59.8680, 27.6731, 84.3078



10.7660, 5.0454, 15.1142

Previews

White Background



This preview shows how the YUV color 140.8110, -20.6128, -62.1012 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 140.8110, -20.6128, -62.1012 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 140.8110, -20.6128, -62.1012 Background



This preview shows how black text looks on a background with the YUV color 140.8110, -20.6128, -62.1012.



This preview shows how white text looks on a background with the YUV color 140.8110, -20.6128, -62.1012.

-62.1012.

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

140.8110, -20.6128, -62.1012

Protanopia

158.6900, -33.3712, 16.9349

Deuteranopia

161.3740, -27.2994, 29.4900



Tritanopia

152.9750, 17.7603, -49.9671

Trichromacy



Original Color

140.8110, -20.6128, -62.1012

Protanomaly

152.0670, -28.6270, -11.4598

Deuteranomaly

154.0340, -25.1598, -3.5378

Tritanomaly

148.8700, 3.5151, -54.2600

Monochromacy



Original Color

140.8110, -20.6128, -62.1012

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.9080, -7.3496, -22.7213

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.8110, -20.6128, -62.1012 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(70, 185, 99)` looks like.

```
.text, #text, p{  
    color:rgb(70, 185, 99)  
}
```

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(70, 185, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 185, 99) }
```

Border

The CSS property to change the border of an element to YUV 140.8110, -20.6128, -62.1012 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(70, 185, 99) }
```


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

```
.border{ border-color:rgb(70, 185, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 185, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 185, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 185, 99);  
box-shadow:4px 4px 4px 4px rgb(70, 185,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 140.8110, -20.6128, -62.1012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 185, 99) }
```

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

```
.background{ background-color: rgb(70, 185,  
99) }
```

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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