

Converting Colors

YUV(178.1350, -32.1116,
-60.6314)

Have a look what the booklet for
YUV(178.1350, -32.1116, -60.6314)
contains.

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Color

**YUV(178.1350, -32.1116,
-60.6314)**

Conversions

Conversions Part 1

Format	Color
Hex	6DE271
RGB	109, 226, 113
RGB Percent	43%, 89%, 44%
CMY	0.5725, 0.1137, 0.5569
CMYK	0.52, 0.00, 0.50, 0.11
HSL	122°, 67%, 66%
HSV	122°, 52%, 89%
XYZ	36.4837, 58.8362, 25.0564
YIQ	178.1350, -33.4590, -59.9470

Conversions

Conversions Part 2

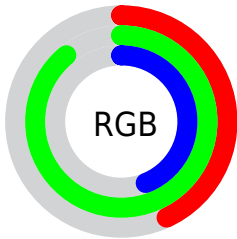
Format	Color
RYB	109, 222, 226
Decimal	7201393
CIELab	81.20, -55.60, 45.03
CIElCh	81, 71.543, 140.995
Yxy	58.8362, 0.3031, 0.4888
Android (android.graphics.Color)	4285391473 (0xFF6DE271)
YUV	178.1350, -32.1116, -60.6314
Hunter-Lab	76.7047, -49.3320, 34.3256

Details

The YUV color **178.1350, -32.1116, -60.6314** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **156.8650, 32.1116, 60.6314**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.9550, -25.6138, -44.6875**, and **119.9000, -29.0377, -66.5643** is the 20% darker color. If you saturate the color by 10%, you get **168.7500, -38.3308, -72.5717**, and if you desaturate by 10%, it is **187.5200, -25.8924, -48.6910**.

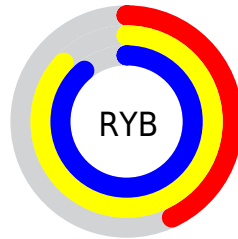
Distribution



Red (43%)

Green (89%)

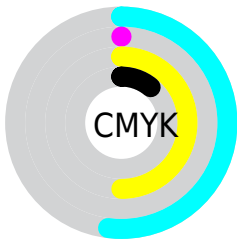
Blue (44%)



Red (43%)

Yellow (87%)

Blue (89%)

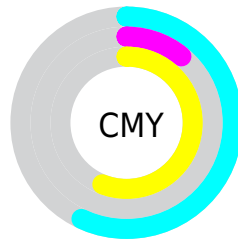


Cyan (52%)

Magenta (0%)

Yellow (50%)

Black (11%)



Cyan (57%)

Magenta (11%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.1350, -32.1116, -60.6314 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 178.1350, -32.1116, -60.6314 by changing the saturation by 10% instead.

■ 178.1350,
-32.1116, -60.6314

■ 178.1350,
-32.1116, -60.6314

255.0000, 0.0000,
0.0000

■ 149.1780,
-30.6538, -61.5461

■ 218.9550,
-25.6138, -44.6875

■ 119.9000,
-29.0377, -66.5643

■ 230.8180,
-17.6583, -29.6584

■ 87.3440, -25.8056,
-76.6007

■ 242.9800, -9.8501,
-14.0145

■ 68.3200, -32.6958,
-59.9166

254.6580, -1.3104,
0.2999

■ 52.8300, -26.0452,
-46.3319

■ 38.1550, -18.8104,
-33.4619

■ 25.2410, -12.4438,

-22.1364

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,
0.0000

■ 178.1350,
-32.1116, -60.6314

■ 178.1350,
-32.1116, -60.6314

■ 168.7500,
-38.3308, -72.5717

■ 187.5200,
-25.8924, -48.6910

■ 159.6640,
-44.6974, -83.8973


■ 196.6060,
-19.5258, -37.3655


■ 150.3930,
-50.4797, -95.9377


■ 205.8770,
-13.7434, -25.3251


■ 141.3070,
-56.8464, -107.2632

■ 214.9630, -7.3768,
-13.9996

 133.5740,
-61.9080, -117.1444

 224.3480, -1.1576,
-2.0592

 233.7330, 5.0616,
9.8812

 237.9770, 8.3923,
14.9292

Harmonies

Analogous

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



189.2620, -61.2612, 2.4012



178.1350, -32.1116, -60.6314



157.1770, 10.7587, -137.8442

Triad

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



178.1350, -32.1116, -60.6314



155.2750, 49.1644, -136.1762



178.1980, -9.9576, 67.3554

Complementary

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



178.1350, -32.1116, -60.6314



156.8650, 32.1116, 60.6314

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.



185.2490, 19.5972, 61.1716



178.1350, -32.1116, -60.6314



191.7070, 31.2034, -21.6680

Square

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



178.1350, -32.1116, -60.6314



163.4930, 45.1130, -143.3834



201.5830, 26.3346, 46.8467



184.3860, -42.0953, 61.9285

Rectangle

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



178.1350, -32.1116, -60.6314



163.0080, 30.5621, -142.9580



201.5830, 26.3346, 46.8467



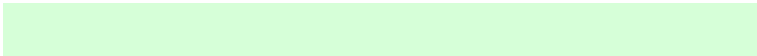
178.9450, 0.5201, 66.7002

Sweetspot

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



178.1350, -32.1116, -60.6314



238.2950, -10.9914, -21.3067



211.4660, -50.5157, 9.2383



117.7890, -6.7980, -12.9700



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



178.1350, -32.1116, -60.6314



190.3160, -43.5398, -81.8381



184.7470, -6.7773, -66.4301



107.4570, -3.1833, -5.6628



103.9960, -48.3120, -91.2045



28.4040, -13.0172, -24.9103

Inverse Universe

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



156.8650, 32.1116, 60.6314



161.6840, 43.5398, 81.8381



150.2530, 6.7773, 66.4301



105.5430, 3.1833, 5.6628



72.0040, 48.3120, 91.2045



19.7100, 13.4540, 24.8103

Previews

White Background



This preview shows how the YUV color 178.1350, -32.1116, -60.6314 looks on a white background.

Color Contrast Check

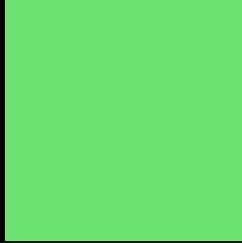
Large Text (above 18pt) WCAG AA × Fail

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 178.1350, -32.1116, -60.6314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

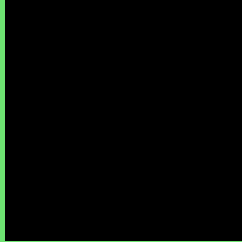
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

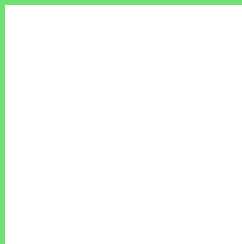
Any Text WCAG AAA ✓ Pass

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

YUV 178.1350, -32.1116, -60.6314 Background



This preview shows how black text looks on a background with the YUV color 178.1350, -32.1116, -60.6314.



This preview shows how white text looks on a background with the YUV color 178.1350, -32.1116, -60.6314.

-60.6314.

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

178.1350, -32.1116, -60.6314

Protanopia

195.3350, -45.0282, 22.5082

Deuteranopia

198.6820, -37.8042, 38.8669



Tritanopia

191.6160, 18.9233, -49.6522

Trichromacy



Original Color

178.1350, -32.1116, -60.6314



Protanomaly

188.7010, -40.2786, -7.6308



Deuteranomaly

191.3200, -35.6538, 2.3504



Tritanomaly

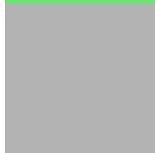
186.9580, 0.0207, -53.4602

Monochromacy



Original Color

178.1350, -32.1116, -60.6314



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

177.7680, -11.7176, -21.7215

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.1350, -32.1116, -60.6314 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(109, 226, 113)` looks like.

```
.text, #text, p{  
    color:rgb(109, 226, 113)  
}
```

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(109, 226, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 226, 113) }
```

Border

The CSS property to change the border of an element to YUV 178.1350, -32.1116, -60.6314 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(109, 226, 113) }
```


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

```
.border{ border-color:rgb(109, 226, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 226, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 226, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 226, 113);  
box-shadow:4px 4px 4px 4px rgb(109, 226,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 178.1350, -32.1116, -60.6314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 226, 113) }
```

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

```
.background{ background-color: rgb(109,  
226, 113) }
```

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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