

Converting Colors

YUV(112.1460, -28.6660,
-45.7320)

Have a look what the booklet for
YUV(112.1460, -28.6660, -45.7320)
contains.

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Color

**YUV(112.1460, -28.6660,
-45.7320)**

Conversions

Conversions Part 1

Format	Color
Hex	3C9636
RGB	60, 150, 54
RGB Percent	24%, 59%, 21%
CMY	0.7647, 0.4118, 0.7882
CMYK	0.60, 0.00, 0.64, 0.41
HSL	116°, 47%, 40%
HSV	116°, 64%, 59%
XYZ	13.4357, 23.0397, 7.2290
YIQ	112.1460, -22.8240, -48.9360

Conversions

Conversions Part 2

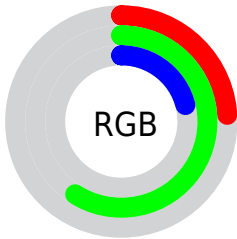
Format	Color
RYB	54, 150, 144
Decimal	3970614
CIELab	55.11, -46.06, 41.62
CIELCh	55, 62.082, 137.896
Yxy	23.0397, 0.3074, 0.5272
Android (android.graphics.Color)	4282160694 (0xFF3C9636)
YUV	112.1460, -28.6660, -45.7320
Hunter-Lab	47.9997, -34.0352, 24.6704

Details

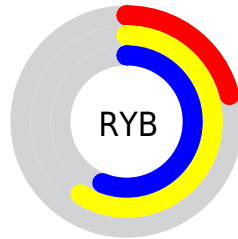
The YUV color **112.1460, -28.6660, -45.7320** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **91.8540, 28.6660, 45.7320**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.2880, -30.7080, -44.1026**, and **57.5260, -28.3603, -50.4503** is the 20% darker color. If you saturate the color by 10%, you get **106.2500, -33.1542, -52.8392**, and if you desaturate by 10%, it is **118.0420, -24.1777, -38.6248**.

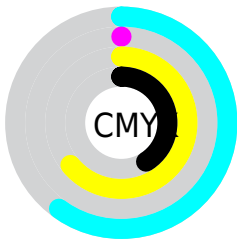
Distribution



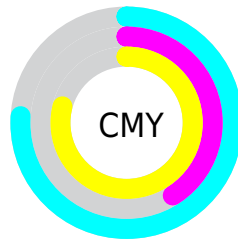
- Red (24%)
- Green (59%)
- Blue (21%)



- Red (21%)
- Yellow (59%)
- Blue (56%)



- Cyan (60%)
- Magenta (0%)
- Yellow (64%)
- Black (41%)



- Cyan (76%)
- Magenta (41%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.1460, -28.6660, -45.7320 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 112.1460, -28.6660, -45.7320 by changing the saturation by 10% instead.

■ 112.1460,
-28.6660, -45.7320

■ 112.1460,
-28.6660, -45.7320

■ 255.0000, 0.0000,
0.0000

■ 84.0530, -27.6341,
-50.0355

■ 167.2880,
-30.7080, -44.1026

■ 57.5260, -28.3603,
-50.4503

■ 195.6470,
-31.8710, -44.4174

■ 42.8510, -21.1255,
-37.5803

■ 219.4240,
-30.2820, -40.7138

■ 29.3500, -14.4695,
-25.7399

■ 231.1730,
-22.7633, -25.5847

■ 15.2620, -7.5242,
-13.3848

■ 243.0360,
-14.8077, -10.5556

■ 0.0000, 0.0000,
0.0000

■ 253.5180, -5.6784,

1.2997

■ 112.1460,
-28.6660, -45.7320

■ 112.1460,
-28.6660, -45.7320

■ 106.2500,
-33.1542, -52.8392

■ 118.0420,
-24.1777, -38.6248

■ 100.3540,
-37.6425, -59.9465

■ 123.9380,
-19.6894, -31.5176

■ 94.4580, -42.1308,
-67.0537

■ 129.8340,
-15.2012, -24.4104

■ 90.7410, -44.7353,
-71.6869

■ 135.7300,
-10.7129, -17.3032

■ 141.6260, -6.2246,
-10.1960

■ 147.5220, -1.7363,
-3.0888

■ 153.4180, 2.7519,
4.0184

■ 159.3140, 7.2402,
11.1256

■ 165.5090, 11.5811,
18.8476

Harmonies

Analogous

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



119.5660, -58.9460, 6.5196



112.1460, -28.6660, -45.7320



103.8840, 2.0292, -91.1063

Triad

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



112.1460, -28.6660, -45.7320



111.5460, 61.8488, -97.8258



126.1730, -11.9173, 89.3023

Complementary

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



112.1460, -28.6660, -45.7320



91.8540, 28.6660, 45.7320

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.



130.2140, 12.7125, 76.1113



112.1460, -28.6660, -45.7320



126.4550, 53.5127, -37.2330

Square

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



112.1460, -28.6660, -45.7320



114.4520, 47.5982, -100.3744



135.8570, 34.0875, 33.4514



127.5430, -36.7497, 74.0688

Rectangle

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



112.1460, -28.6660, -45.7320



108.6890, 17.9013, -95.3203



135.8570, 34.0875, 33.4514



127.0510, -3.4761, 88.5323

Sweetspot

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



112.1460, -28.6660, -45.7320



179.3170, -11.0023, -17.8180



135.5340, -40.1963, 12.6867



88.2130, -6.5140, -10.7108



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



112.1460, -28.6660, -45.7320



135.1540, -44.4459, -71.1721



115.1400, -9.4360, -53.6198



71.1090, -2.0257, -3.6036



83.6970, -41.2626, -65.5093



6.1690, -3.0413, -4.5332

Inverse Universe

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



91.8540, 28.6660, 45.7320



103.5470, 44.5933, 70.5573



88.8600, 9.4360, 53.6198



69.5920, 2.1731, 2.9888



54.3030, 41.2626, 65.5093



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 112.1460, -28.6660, -45.7320 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 112.1460, -28.6660, -45.7320 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 112.1460, -28.6660, -45.7320 Background



This preview shows how black text looks on a background with the YUV color 112.1460, -28.6660, -45.7320.



This preview shows how white text looks on a background with the YUV color 112.1460, -28.6660, -45.7320.

-45.7320.

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

112.1460, -28.6660, -45.7320

Protanopia

126.1370, -38.0285, 17.4199

Deuteranopia

128.8810, -32.9723, 29.0454



Tritanopia

124.3250, 13.6438, -36.2420

Trichromacy



Original Color

112.1460, -28.6660, -45.7320

Protanomaly

121.2050, -34.6111, -5.4418

Deuteranomaly

122.7590, -31.4332, 1.9654

Tritanomaly

120.1770, -2.0593, -39.6202

Monochromacy



Original Color

112.1460, -28.6660, -45.7320

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.1430, -10.4235, -16.7884

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.1460, -28.6660, -45.7320 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(60, 150, 54)` looks like.

```
.text, #text, p{  
    color:rgb(60, 150, 54)  
}
```

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(60, 150, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 150, 54) }
```

Border

The CSS property to change the border of an element to YUV 112.1460, -28.6660, -45.7320 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(60, 150, 54) }
```


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

```
.border{ border-color:rgb(60, 150, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 150, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 150, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 150, 54);  
box-shadow:4px 4px 4px 4px rgb(60, 150,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 112.1460, -28.6660, -45.7320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 150, 54) }
```

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

```
.background{ background-color: rgb(60, 150,  
54) }
```

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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