

Converting Colors

YUV(111.9960, -27.6060,
-12.2745)

Have a look what the booklet for
YUV(111.9960, -27.6060, -12.2745)
contains.

YUV(111.9960, -27.6060, -12.2745)	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(111.9960, -27.6060,
-12.2745)**

Conversions

Conversions Part 1

Format	Color
Hex	628238
RGB	98, 130, 56
RGB Percent	38%, 51%, 22%
CMY	0.6157, 0.4902, 0.7804
CMYK	0.25, 0.00, 0.57, 0.49
HSL	86°, 40%, 36%
HSV	86°, 57%, 51%
XYZ	13.7334, 18.8475, 6.6555
YIQ	111.9960, 4.6820, -29.7980

Conversions

Conversions Part 2

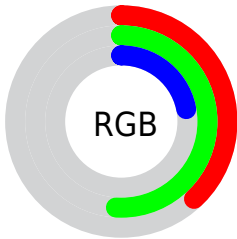
Format	Color
RYB	56, 130, 88
Decimal	6455864
CIELab	50.51, -24.30, 35.89
CIELCh	51, 43.340, 124.106
Yxy	18.8475, 0.3500, 0.4804
Android (android.graphics.Color)	4284645944 (0xFF628238)
YUV	111.9960, -27.6060, -12.2745
Hunter-Lab	43.4137, -19.5073, 21.3002

Details

The YUV color **111.9960, -27.6060, -12.2745** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **74.0040, 27.6060, 12.2745**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.5400, -29.3532, -11.8746**, and **61.9960, -27.6060, -12.2745** is the 20% darker color. If you saturate the color by 10%, you get **108.7200, -32.4000, -14.6634**, and if you desaturate by 10%, it is **115.2720, -22.8121, -9.8855**.

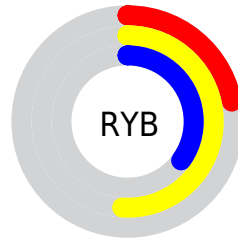
Distribution



Red (38%)

Green (51%)

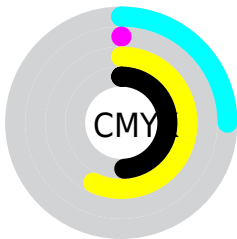
Blue (22%)



Red (22%)

Yellow (51%)

Blue (35%)

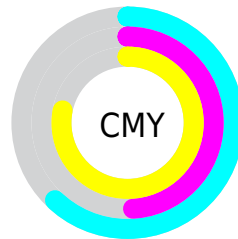


Cyan (25%)

Magenta (0%)

Yellow (57%)

Black (49%)



Cyan (62%)

Magenta (49%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.9960, -27.6060, -12.2745 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 111.9960, -27.6060, -12.2745 by changing the saturation by 10% instead.

■ 111.9960,
-27.6060, -12.2745

■ 111.9960,
-27.6060, -12.2745

■ 255.0000, 0.0000,
0.0000

■ 87.1100, -27.1692,
-12.3745

■ 164.5400,
-29.3532, -11.8746

■ 61.9960, -27.6060,
-12.2745

■ 192.0130,
-30.0794, -12.2894

■ 41.2330, -20.3279,
-13.3593

■ 219.8990,
-30.5162, -12.1894

■ 21.1320, -10.4181,
-18.5328

■ 241.0400,
-27.6277, -5.2971

■ 1.7610, -0.8682,
-1.5444

■ 250.2120,
-18.3455, 4.1991

■ 0.0000, 0.0000,
0.0000

■ 253.5180, -5.6784,

1.2997

■ 111.9960,
-27.6060, -12.2745

■ 111.9960,
-27.6060, -12.2745

■ 108.7200,
-32.4000, -14.6634

■ 115.2720,
-22.8121, -9.8855

■ 105.7430,
-37.3413, -16.4376

■ 118.2490,
-17.8708, -8.1114

■ 102.4670,
-42.1352, -18.8266

■ 121.5250,
-13.0768, -5.7224

■ 99.4900, -47.0766,
-20.6007

■ 124.5020, -8.1355,
-3.9483

■ 98.4360, -48.5289,
-21.4304

■ 127.7780, -3.3416,
-1.5593

■ 131.0540, 1.4524,
0.8296

■ 134.0310, 6.3937,
2.6038

■ 137.3070, 11.1876,
4.9928

■ 140.5830, 15.9816,
7.3817

Harmonies

Analogous

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



116.0060, -35.9920, 17.5347



111.9960, -27.6060, -12.2745



102.9060, -7.8417, -51.6606

Triad

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



111.9960, -27.6060, -12.2745



98.6880, 43.0448, -86.5494



121.2060, -2.0736, 58.5783

Complementary

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



111.9960, -27.6060, -12.2745



74.0040, 27.6060, 12.2745

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.



123.4500, 14.5682, 40.8244



111.9960, -27.6060, -12.2745



111.6590, 40.5941, -47.0589

Square

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



111.9960, -27.6060, -12.2745



99.3600, 30.3885, -87.1387



122.7150, 29.2275, 5.5119



119.1400, -18.8030, 57.7592

Rectangle

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



111.9960, -27.6060, -12.2745



93.6600, 8.5486, -82.1398



122.7150, 29.2275, 5.5119



121.9650, 3.4683, 54.4047

Sweetspot

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



111.9960, -27.6060, -12.2745



161.2200, -10.4615, -4.5779



96.3230, -19.8792, 29.5347



79.9690, -6.3937, -2.6038



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



111.9960, -27.6060, -12.2745



140.3530, -42.5720, -18.7266



101.2320, -22.2994, -34.4065



62.3050, -2.6154, -1.1445



96.6640, -47.6554, -21.6303



0.0000, 0.0000, 0.0000

Inverse Universe

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



74.0040, 27.6060, 12.2745



81.6470, 42.5720, 18.7266



84.7680, 22.2994, 34.4065



58.6950, 2.6154, 1.1445



31.0370, 47.8028, 21.0156



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 111.9960, -27.6060, -12.2745 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 111.9960, -27.6060, -12.2745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

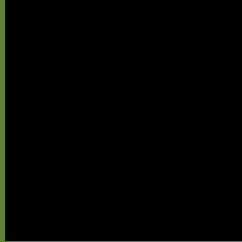
Any Text WCAG AA ✓ Pass

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 111.9960, -27.6060, -12.2745 Background



This preview shows how black text looks on a background with the YUV color 111.9960, -27.6060, -12.2745.



This preview shows how white text looks on a background with the YUV color 111.9960, -27.6060, -12.2745.

-12.2745.

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

111.9960, -27.6060, -12.2745

Protanopia

116.2490, -31.1818, 14.6906

Deuteranopia

117.7110, -28.4515, 25.6865



Tritanopia

118.9540, 6.4317, -9.6067

Trichromacy



Original Color

111.9960, -27.6060, -12.2745

Protanomaly

114.8240, -29.9862, 4.5394

Deuteranomaly

115.7370, -27.9713, 11.6317

Tritanomaly

116.3270, -6.0772, -10.8108

Monochromacy



Original Color

111.9960, -27.6060, -12.2745

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.3340, -10.0247, -4.6779

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.9960, -27.6060, -12.2745 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(98, 130, 56)` looks like.

```
.text, #text, p{  
    color:rgb(98, 130, 56)  
}
```

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(98, 130, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 130, 56) }
```

Border

The CSS property to change the border of an element to YUV 111.9960, -27.6060, -12.2745 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(98, 130, 56) }
```


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

```
.border{ border-color:rgb(98, 130, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 130, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 130, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 130, 56);  
box-shadow:4px 4px 4px 4px rgb(98, 130,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 111.9960, -27.6060, -12.2745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 130, 56) }
```

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

```
.background{ background-color: rgb(98, 130,  
56) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor