

Converting Colors

YUV(112.5290, -12.5858,
-23.2659)

Have a look what the booklet for
YUV(112.5290, -12.5858, -23.2659)
contains.

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Color

**YUV(112.5290, -12.5858,
-23.2659)**

Conversions

Conversions Part 1

Format	Color
Hex	568357
RGB	86, 131, 87
RGB Percent	34%, 51%, 34%
CMY	0.6627, 0.4863, 0.6588
CMYK	0.34, 0.00, 0.34, 0.49
HSL	121°, 21%, 43%
HSV	121°, 34%, 51%
XYZ	13.6744, 18.8992, 11.9440
YIQ	112.5290, -12.6960, -23.2240

Conversions

Conversions Part 2

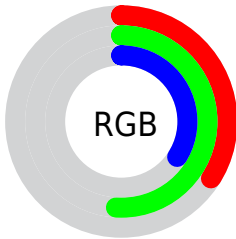
Format	Color
R_{YB}	86, 130, 131
Decimal	5669719
CIE _{Lab}	50.57, -24.94, 19.03
CIE _{LCh}	51, 31.374, 142.650
Yxy	18.8992, 0.3072, 0.4245
Android (android.graphics.Color)	4283859799 (0xFF568357)
YUV	112.5290, -12.5858, -23.2659
Hunter-Lab	43.4732, -19.9314, 14.1416

Details

The YUV color **112.5290, -12.5858, -23.2659** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **104.4710, 12.5858, 23.2659**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.5890, -13.6014, -24.1956**, and **63.2840, -10.9860, -23.0511** is the 20% darker color. If you saturate the color by 10%, you get **107.1600, -16.3479, -29.9583**, and if you desaturate by 10%, it is **117.8980, -8.8237, -16.5735**.

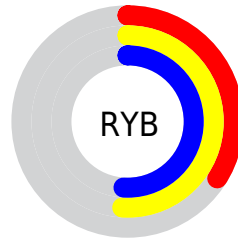
Distribution



Red (34%)

Green (51%)

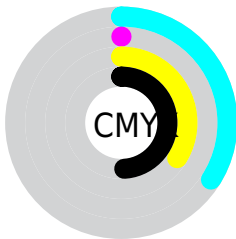
Blue (34%)



Red (34%)

Yellow (51%)

Blue (51%)

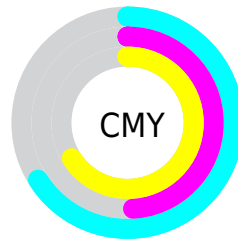


Cyan (34%)

Magenta (0%)

Yellow (34%)

Black (49%)



Cyan (66%)

Magenta (49%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.5290, -12.5858, -23.2659 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 112.5290, -12.5858, -23.2659 by changing the saturation by 10% instead.

■ 112.5290,
-12.5858, -23.2659

■ 112.5290,
-12.5858, -23.2659

■ 255.0000, 0.0000,
0.0000

■ 87.6430, -12.1490,
-23.3659

■ 164.5890,
-13.6014, -24.1956

■ 63.2840, -10.9860,
-23.0511

■ 192.1760,
-13.8908, -24.7104

■ 39.9140, -9.8176,
-24.4806

■ 220.6490,
-14.6170, -25.1252

■ 21.1320, -10.4181,
-18.5328

■ 240.4310,
-10.5655, -17.9180

■ 2.3480, -1.1576,
-2.0592

■ 252.2940, -2.6099,
-2.8888

■ 0.0000, 0.0000,
0.0000

■ 112.5290,
-12.5858, -23.2659

■ 112.5290,
-12.5858, -23.2659

■ 107.1600,
-16.3479, -29.9583

■ 117.8980, -8.8237,
-16.5735

■ 101.7910,
-20.1100, -36.6507

■ 123.2670, -5.0616,
-9.8812

■ 96.5360, -23.4352,
-43.4431

■ 128.5220, -1.7363,
-3.0888

■ 91.1670, -27.1973,
-50.1355

■ 133.8910, 2.0257,
3.6036

■ 85.7980, -30.9594,
-56.8278

■ 139.2600, 5.7878,
10.2960

■ 80.1300, -34.5741,
-64.1350

■ 144.9280, 9.4025,
17.6031

■ 77.2390, -36.5998,
-67.7386

■ 150.2970, 13.1646,
24.2955

■ 155.5520, 16.4899,

31.0879

■ 160.9210, 20.2519,
37.7803

Harmonies

Analogous

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



116.3380, -22.8446, 0.5806



112.5290, -12.5858, -23.2659



105.8920, 3.5042, -50.7713

Triad

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



112.5290, -12.5858, -23.2659



113.1300, 29.5159, -40.4560



121.6420, -10.1765, 44.1640

Complementary

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



112.5290, -12.5858, -23.2659



104.4710, 12.5858, 23.2659

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.



123.2250, 2.3541, 38.3907



112.5290, -12.5858, -23.2659



121.5580, 23.8819, -6.6284

Square

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



112.5290, -12.5858, -23.2659



95.3650, 32.8511, -83.6351



123.9160, 14.3384, 21.1217



120.5520, -20.4851, 37.2269

Rectangle

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



112.5290, -12.5858, -23.2659



96.5710, 16.9735, -77.6768



123.9160, 14.3384, 21.1217



122.0810, -5.9559, 43.7790

Sweetspot

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



112.5290, -12.5858, -23.2659



163.9790, -4.9196, -8.7516



125.5710, -19.5085, 3.8842



82.5710, -2.7465, -5.7628



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



112.5290, -12.5858, -23.2659



142.2040, -19.8206, -36.1359



115.0370, -2.9762, -25.4654



63.5220, -1.7363, -3.0888



76.6520, -36.3104, -67.2238



1.7610, -0.8682, -1.5444

Inverse Universe

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



104.4710, 12.5858, 23.2659



129.6820, 19.3838, 36.2359



101.9630, 2.9762, 25.4654



62.4780, 1.7363, 3.0888



53.3480, 36.3104, 67.2238



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 112.5290, -12.5858, -23.2659 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 112.5290, -12.5858, -23.2659 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 112.5290, -12.5858, -23.2659 Background



This preview shows how black text looks on a background with the YUV color 112.5290, -12.5858, -23.2659.



This preview shows how white text looks on a background with the YUV color 112.5290, -12.5858, -23.2659.

-23.2659.

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

112.5290, -12.5858, -23.2659

Protanopia

118.6580, -18.0724, 9.9469

Deuteranopia

120.0380, -14.3157, 18.3837



Tritanopia

117.1700, 8.7902, -19.4431

Trichromacy



Original Color

112.5290, -12.5858, -23.2659

Protanomaly

116.4500, -15.9978, -2.1486

Deuteranomaly

117.4660, -13.5407, 3.0993

Tritanomaly

115.5090, 1.2281, -20.6174

Monochromacy



Original Color

112.5290, -12.5858, -23.2659

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.0930, -4.4828, -8.8516

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.5290, -12.5858, -23.2659 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(86, 131, 87)` looks like.

```
.text, #text, p{  
    color:rgb(86, 131, 87)  
}
```

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(86, 131, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 131, 87) }
```

Border

The CSS property to change the border of an element to YUV 112.5290, -12.5858, -23.2659 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(86, 131, 87) }
```


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

```
.border{ border-color:rgb(86, 131, 87) }
```

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

Here you see how a box with a 4 pixel rgb(86, 131, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 131, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 131, 87);  
box-shadow:4px 4px 4px 4px rgb(86, 131,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 112.5290, -12.5858, -23.2659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 131, 87) }
```

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

```
.background{ background-color: rgb(86, 131,  
87) }
```

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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