

Converting Colors

YUV(164.1110, -15.3377,
-27.2843)

Have a look what the booklet for
YUV(164.1110, -15.3377, -27.2843)
contains.

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Color

**YUV(164.1110, -15.3377,
-27.2843)**

Conversions

Conversions Part 1

Format	Color
Hex	85BA85
RGB	133, 186, 133
RGB Percent	52%, 73%, 52%
CMY	0.4784, 0.2706, 0.4784
CMYK	0.28, 0.00, 0.28, 0.27
HSL	120°, 28%, 63%
HSV	120°, 28%, 73%
XYZ	31.4654, 41.7978, 28.5997
YIQ	164.1110, -14.5750, -27.7190

Conversions

Conversions Part 2

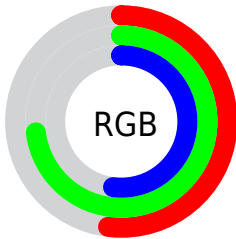
Format	Color
RYB	133, 186, 186
Decimal	8764037
CIELab	70.73, -27.95, 21.45
CIELCh	71, 35.237, 142.497
Yxy	41.7978, 0.3089, 0.4103
Android (android.graphics.Color)	4286954117 (0xFF85BA85)
YUV	164.1110, -15.3377, -27.2843
Hunter-Lab	64.6512, -26.2646, 19.0278

Details

The YUV color **164.1110, -15.3377, -27.2843** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **154.8890, 15.3377, 27.2843**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1710, -16.3533, -28.2140**, and **111.7520, -14.1747, -26.9695** is the 20% darker color. If you saturate the color by 10%, you get **156.2640, -20.8362, -37.0655**, and if you desaturate by 10%, it is **171.9580, -9.8393, -17.5032**.

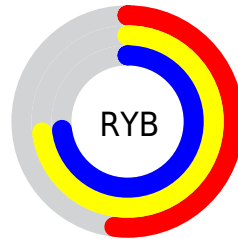
Distribution



Red (52%)

Green (73%)

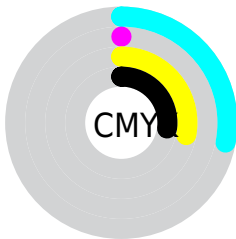
Blue (52%)



Red (52%)

Yellow (73%)

Blue (73%)

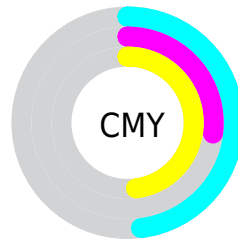


Cyan (28%)

Magenta (0%)

Yellow (28%)

Black (27%)



Cyan (48%)

Magenta (27%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.1110, -15.3377, -27.2843 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 164.1110, -15.3377, -27.2843 by changing the saturation by 10% instead.

■ 164.1110,
-15.3377, -27.2843

■ 164.1110,
-15.3377, -27.2843

255.0000, 0.0000,
0.0000

■ 137.6380,
-14.6115, -26.8695

■ 219.1710,
-16.3533, -28.2140

■ 111.7520,
-14.1747, -26.9695

■ 238.6650,
-12.1598, -19.8772

■ 86.6920, -13.1592,
-26.0399

■ 250.3430, -3.6201,
-5.5628

■ 61.9200, -12.2856,
-26.2398

■ 37.3540, -10.5275,
-30.1285

■ 21.7190, -10.7075,
-19.0476

■ 2.9350, -1.4470,

-2.5740

■ 0.0000, 0.0000,
0.0000

■ 164.1110,
-15.3377, -27.2843

■ 164.1110,
-15.3377, -27.2843

■ 156.2640,
-20.8362, -37.0655

■ 171.9580, -9.8393,
-17.5032

■ 148.8300,
-26.0452, -46.3319

■ 179.3920, -4.6303,
-8.2368

■ 140.9830,
-31.5436, -56.1131

■ 187.2390, 0.8682,
1.5444

■ 133.5490,
-36.7527, -65.3795

■ 194.6730, 6.0772,
10.8108

■ 125.7020,
-42.2511, -75.1607

■ 202.5200, 11.5756,
20.5920

■ 117.8550,
-47.7495, -84.9418

■ 210.3670, 17.0741,
30.3731

■ 110.4210,
-52.9586, -94.2082

■ 214.4970, 19.9680,
35.5211

■ 109.1820,
-53.8267, -95.7526

Harmonies

Analogous

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



168.7850, -27.5020, 1.0656



164.1110, -15.3377, -27.2843



158.0330, 2.9417, -57.0339

Triad

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



164.1110, -15.3377, -27.2843



166.3620, 34.3315, -45.0445



175.7140, -12.6770, 52.8708

Complementary

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



164.1110, -15.3377, -27.2843



154.8890, 15.3377, 27.2843

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.



176.9810, 2.4744, 46.4977



164.1110, -15.3377, -27.2843



174.6980, 28.2499, -7.6281

Square

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



164.1110, -15.3377, -27.2843



154.6370, 33.7030, -76.8576



177.3340, 17.0903, 25.1401



173.7550, -25.0222, 45.8189

Rectangle

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



164.1110, -15.3377, -27.2843



153.0660, 16.2365, -74.6029



177.3340, 17.0903, 25.1401



176.3810, -7.5828, 52.2859

Sweetspot

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



164.1110, -15.3377, -27.2843



232.9140, -6.3666, -11.3256



179.9580, -23.1503, 5.2988



116.6310, -3.7621, -6.6924



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



164.1110, -15.3377, -27.2843



208.1340, -23.7301, -42.2135



167.1890, -3.5442, -29.9838



88.2830, -2.6045, -4.6332



91.5720, -45.1450, -80.3086



16.4360, -8.1029, -14.4144

Inverse Universe

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



154.8890, 15.3377, 27.2843



193.8660, 23.7301, 42.2135



151.9250, 3.9810, 29.8838



86.7170, 2.6045, 4.6332



64.4280, 45.1450, 80.3086



11.5640, 8.1029, 14.4144

Previews

White Background



This preview shows how the YUV color 164.1110, -15.3377, -27.2843 looks on a white background.

Color Contrast Check

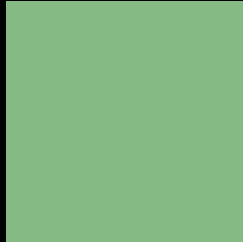
Large Text (above 18pt) WCAG AA × Fail

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 164.1110, -15.3377, -27.2843 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 164.1110, -15.3377, -27.2843 Background



This preview shows how black text looks on a background with the YUV color 164.1110, -15.3377, -27.2843.



This preview shows how white text looks on a background with the YUV color 164.1110, -15.3377, -27.2843.

-27.2843.

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

164.1110, -15.3377, -27.2843

Protanopia

170.7570, -21.5722, 12.4911

Deuteranopia

173.1590, -17.8264, 24.4166



Tritanopia

169.5440, 11.5638, -22.4021

Trichromacy



Original Color

164.1110, -15.3377, -27.2843

Protanomaly

168.2390, -19.3448, -1.9636

Deuteranomaly

169.6790, -16.6037, 5.5435

Tritanomaly

167.6010, 1.6757, -24.2061

Monochromacy



Original Color

164.1110, -15.3377, -27.2843

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.1530, -5.4984, -9.7812

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.1110, -15.3377, -27.2843 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(133, 186, 133)` looks like.

```
.text, #text, p{  
    color:rgb(133, 186, 133)  
}
```

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(133, 186, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 186, 133) }
```

Border

The CSS property to change the border of an element to YUV 164.1110, -15.3377, -27.2843 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(133, 186, 133) }
```


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

```
.border{ border-color:rgb(133, 186, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 186, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 186, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 186, 133);  
box-shadow:4px 4px 4px 4px rgb(133, 186,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 164.1110, -15.3377, -27.2843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 186, 133) }
```

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

```
.background{ background-color: rgb(133,  
186, 133) }
```

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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