

Converting Colors

YUV(165.0240, -13.8158,
-95.6140)

Have a look what the booklet for
YUV(165.0240, -13.8158, -95.6140)
contains.

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Color

**YUV(165.0240, -13.8158,
-95.6140)**

Conversions

Conversions Part 1

Format	Color
Hex	38E289
RGB	56, 226, 137
RGB Percent	22%, 89%, 54%
CMY	0.7804, 0.1137, 0.4627
CMYK	0.75, 0.00, 0.39, 0.11
HSL	149°, 75%, 55%
HSV	149°, 75%, 89%
XYZ	33.3426, 57.0396, 32.9193
YIQ	165.0240, -72.7510, -63.7190

Conversions

Conversions Part 2

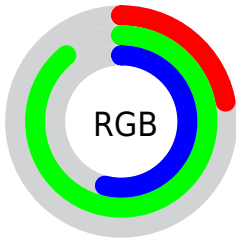
Format	Color
RYB	56, 171, 226
Decimal	3728009
CIELab	80.20, -62.03, 31.63
CIELCh	80, 69.629, 152.981
Yxy	57.0396, 0.2704, 0.4626
Android (android.graphics.Color)	4281918089 (0xFF38E289)
YUV	165.0240, -13.8158, -95.6140
Hunter-Lab	75.5246, -53.3638, 27.0241

Details

The YUV color **165.0240, -13.8158, -95.6140** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle washed spring green. A complement of this color would be **116.9760, 13.8158, 95.6140**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.4320, -9.0870, -72.2929**, and **109.0070, -11.3425, -95.5991** is the 20% darker color. If you saturate the color by 10%, you get **156.7790, -15.6670, -108.5542**, and if you desaturate by 10%, it is **173.2690, -11.9646, -82.6739**.

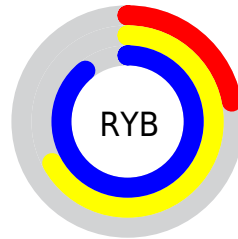
Distribution



Red (22%)

Green (89%)

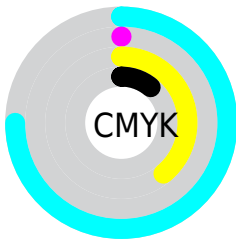
Blue (54%)



Red (22%)

Yellow (67%)

Blue (89%)

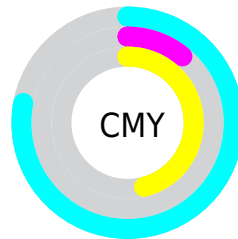


Cyan (75%)

Magenta (0%)

Yellow (39%)

Black (11%)



Cyan (78%)

Magenta (11%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.0240, -13.8158, -95.6140 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 165.0240, -13.8158, -95.6140 by changing the saturation by 10% instead.

■ 165.0240,
-13.8158, -95.6140

■ 165.0240,
-13.8158, -95.6140

■ 255.0000, 0.0000,
0.0000

■ 128.2930, -8.5254,
-112.5130

■ 209.4320, -9.0870,
-72.2929

■ 109.0070,
-11.3425, -95.5991

■ 221.8930, -1.4262,
-56.0342

■ 90.4220, -14.0120,
-79.3001

■ 234.4680, 6.6713,
-39.8754

■ 71.8370, -16.6816,
-63.0010

■ 244.5350, 5.1592,
-21.5172

■ 53.7250, -20.0774,
-47.1168

■ 253.8040, 0.5896,
-2.4591

■ 37.5680, -18.5210,
-32.9471

■ 23.4800, -11.5756,

-20.5920

■ 0.5870, -0.2894,
-0.5148

■ 0.0000, 0.0000,
0.0000

■ 165.0240,
-13.8158, -95.6140

■ 165.0240,
-13.8158, -95.6140

■ 156.7790,
-15.6670, -108.5542

■ 173.2690,
-11.9646, -82.6739

■ 148.8330,
-17.6657, -120.8795


■ 181.2150, -9.9660,
-70.3486


■ 144.9740,
-18.2282, -127.1422


■ 189.3460, -8.5516,
-57.3084

■ 197.2920, -6.5530,
-44.9831

 205.5370, -4.7017,
-32.0429

 213.7820, -2.8505,
-19.1028

 221.7280, -0.8519,
-6.7775

 229.9730, 0.9993,
6.1627

 236.6090, 3.1508,
16.1289

Harmonies

Analogous

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



183.6920, -50.1342, -19.9009



165.0240, -13.8158, -95.6140



158.2660, 22.5469, -138.7993

Triad

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



165.0240, -13.8158, -95.6140



165.8610, 43.9455, -95.4711



178.7560, -23.0507, 66.8660

Complementary

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



165.0240, -13.8158, -95.6140



116.9760, 13.8158, 95.6140

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.



180.0680, 7.3615, 65.7154



165.0240, -13.8158, -95.6140



196.9330, 28.6270, 11.4598

Square

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



165.0240, -13.8158, -95.6140



158.7970, 47.4281, -139.2650



194.5390, 29.8073, 53.0243



187.6170, -52.5622, 59.0949

Rectangle

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



165.0240, -13.8158, -95.6140



163.2820, 41.7660, -143.1983



194.5390, 29.8073, 53.0243



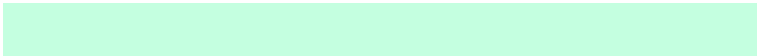
177.5140, -12.5784, 67.9552

Sweetspot

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



165.0240, -13.8158, -95.6140



233.8250, -4.8437, -33.1725



182.9990, -62.6105, -31.5711



115.0700, -2.9925, -20.2324



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.



165.0240, -13.8158, -95.6140



172.5500, -18.5122, -129.4014



174.4860, 22.4384, -103.9122



108.0270, -0.9993, -6.1627



112.8880, -14.2418, -99.0028



30.7980, -3.8444, -27.0098

Inverse Universe

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



116.9760, 13.8158, 95.6140



107.5640, 18.9489, 129.3014



107.5140, -22.4384, 103.9122



104.9730, 0.9993, 6.1627



63.1120, 14.2418, 99.0028



17.2020, 3.8444, 27.0098

Previews

White Background



This preview shows how the YUV color 165.0240, -13.8158, -95.6140 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 165.0240, -13.8158, -95.6140 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 165.0240, -13.8158, -95.6140 Background



This preview shows how black text looks on a background with the YUV color 165.0240, -13.8158, -95.6140.

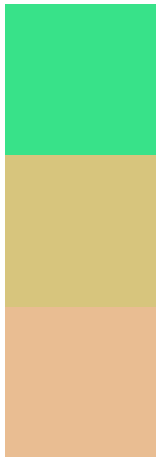


This preview shows how white text looks on a background with the YUV color 165.0240, -13.8158, -95.6140.

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

165.0240, -13.8158, -95.6140

Protanopia

194.1740, -34.1028, 18.2644

Deuteranopia

197.2540, -25.2682, 31.3492



Tritanopia

181.3570, 24.9670, -74.8581

Trichromacy



Original Color

165.0240, -13.8158, -95.6140



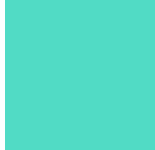
Protanomaly

183.7450, -26.9893, -23.4554



Deuteranomaly

185.4070, -20.9067, -14.3889



Tritanomaly

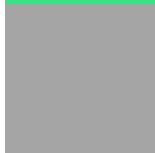
175.2300, 10.7326, -82.6397

Monochromacy



Original Color

165.0240, -13.8158, -95.6140



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

164.8140, -4.8383, -34.9169

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.0240, -13.8158, -95.6140 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(56, 226, 137)` looks like.

```
.text, #text, p{  
    color:rgb(56, 226, 137)  
}
```

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(56, 226, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 226, 137) }
```

Border

The CSS property to change the border of an element to YUV 165.0240, -13.8158, -95.6140 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(56, 226, 137) }
```


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

```
.border{ border-color:rgb(56, 226, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 226, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 226, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 226, 137);  
box-shadow:4px 4px 4px 4px rgb(56, 226,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 165.0240, -13.8158, -95.6140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 226, 137) }
```

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

```
.background{ background-color: rgb(56, 226,  
137) }
```

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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