

Converting Colors

YUV(165.7050, -20.0676,
-97.0883)

Have a look what the booklet for
YUV(165.7050, -20.0676, -97.0883)
contains.

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Color

**YUV(165.7050, -20.0676,
-97.0883)**

Conversions

Conversions Part 1

Format	Color
Hex	37E67D
RGB	55, 230, 125
RGB Percent	22%, 90%, 49%
CMY	0.7843, 0.0980, 0.5098
CMYK	0.76, 0.00, 0.46, 0.10
HSL	144°, 78%, 56%
HSV	144°, 76%, 90%
XYZ	33.5740, 58.8865, 28.9987
YIQ	165.7050, -70.5950, -69.7550

Conversions

Conversions Part 2

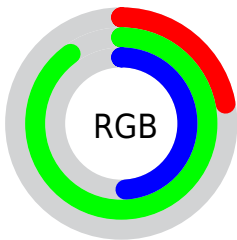
Format	Color
RYB	55, 180, 230
Decimal	3663485
CIELab	81.23, -65.64, 38.96
CIELCh	81, 76.334, 149.311
Yxy	58.8865, 0.2764, 0.4848
Android (android.graphics.Color)	4281853565 (0xFF37E67D)
YUV	165.7050, -20.0676, -97.0883
Hunter-Lab	76.7376, -56.1938, 31.3109

Details

The YUV color **165.7050, -20.0676, -97.0883** is a dark color, and the websafe version is hex **00CC66**. The color can be described as middle washed spring green. A complement of this color would be **119.2950, 20.0676, 97.0883**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.0640, -14.3286, -71.0931**, and **109.9870, -17.7416, -96.4586** is the 20% darker color. If you saturate the color by 10%, you get **157.2320, -22.7924, -109.8285**, and if you desaturate by 10%, it is **174.1780, -17.3428, -84.3481**.

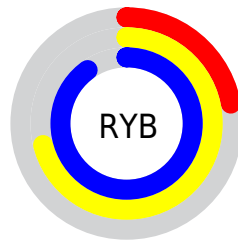
Distribution



Red (22%)

Green (90%)

Blue (49%)



Red (22%)

Yellow (71%)

Blue (90%)

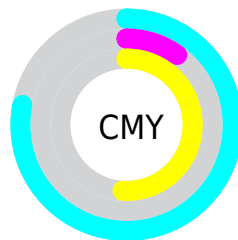


Cyan (76%)

Magenta (0%)

Yellow (46%)

Black (10%)



Cyan (78%)

Magenta (10%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.7050, -20.0676, -97.0883 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 165.7050, -20.0676, -97.0883 by changing the saturation by 10% instead.

■ 165.7050,
-20.0676, -97.0883

■ 165.7050,
-20.0676, -97.0883

■ 255.0000, 0.0000,
0.0000

■ 129.2730,
-14.9246, -113.3724

■ 208.0640,
-14.3286, -71.0931

■ 109.9870,
-17.7416, -96.4586

■ 220.8240, -6.8152,
-54.2196

■ 90.7010, -20.5586,
-79.5448

■ 233.2850, 0.8455,
-37.9609

■ 71.8880, -24.1018,
-63.0458

■ 244.8340, 5.0118,
-20.9024

■ 54.0040, -26.6240,
-47.3615

■ 254.1030, 0.4422,
-1.8443

■ 39.3290, -19.3892,
-34.4915

■ 25.2410, -12.4438,

-22.1364

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,
0.0000

■ 165.7050,
-20.0676, -97.0883

■ 165.7050,
-20.0676, -97.0883

■ 157.2320,
-22.7924, -109.8285

■ 174.1780,
-17.3428, -84.3481

■ 148.7590,
-25.5172, -122.5686

■ 182.6510,
-14.6179, -71.6079


■ 145.4980,
-26.3745, -127.6017


■ 191.0100,
-12.3299, -58.7678

■ 199.4830, -9.6051,
-46.0276

 207.9560, -6.8803,
-33.2874

 216.4290, -4.1555,
-20.5472

 224.9020, -1.4307,
-7.8071

 233.2610, 0.8573,
5.0331

 239.6410, 4.6140,
13.4698

Harmonies

Analogous

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



185.7930, -60.0439, -14.7275



165.7050, -20.0676, -97.0883



160.5170, 18.4791, -140.7734

Triad

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



165.7050, -20.0676, -97.0883



152.3400, 50.6114, -133.6022



175.6900, -19.5672, 69.5549

Complementary

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



165.7050, -20.0676, -97.0883



119.2950, 20.0676, 97.0883

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.



177.8000, 13.9026, 67.7044



165.7050, -20.0676, -97.0883



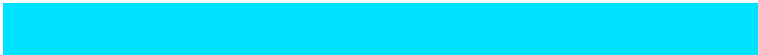
196.2800, 28.9490, 1.5084

Square

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



165.7050, -20.0676, -97.0883



162.3190, 45.6917, -142.3538



194.5390, 29.8073, 53.0243



184.6990, -53.5886, 61.6540

Rectangle

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



165.7050, -20.0676, -97.0883



166.6900, 39.5928, -146.1871



194.5390, 29.8073, 53.0243



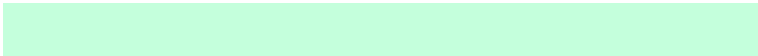
174.2030, -7.4951, 70.8590

Sweetspot

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



165.7050, -20.0676, -97.0883



233.3690, -6.5909, -32.7726



189.1200, -66.1212, -25.5382



114.7280, -4.3029, -19.9325



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.



165.7050, -20.0676, -97.0883



169.7860, -26.5165, -128.7313



175.6230, 17.9339, -105.7864



110.6140, -1.2887, -6.6775



113.1670, -20.7883, -99.2475



32.2170, -6.0230, -28.2543

Inverse Universe

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



119.2950, 20.0676, 97.0883



108.2140, 26.5165, 128.7313



109.3770, -17.9339, 105.7864



107.3860, 1.2887, 6.6775



65.7190, 20.3515, 99.3474



18.7830, 6.0230, 28.2543

Previews

White Background



This preview shows how the YUV color 165.7050, -20.0676, -97.0883 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 165.7050, -20.0676, -97.0883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

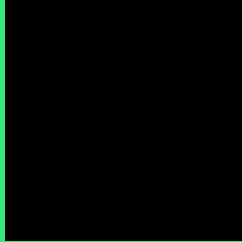
Any Text WCAG AA ✓ Pass

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 165.7050, -20.0676, -97.0883 Background



This preview shows how black text looks on a background with the YUV color 165.7050, -20.0676, -97.0883.



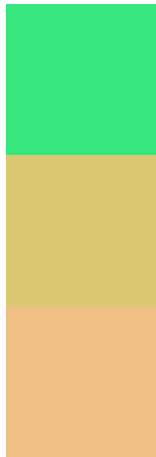
This preview shows how white text looks on a background with the YUV color 165.7050, -20.0676, -97.0883.

-97.0883.

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

165.7050, -20.0676, -97.0883

Protanopia

195.8770, -40.3654, 20.2789

Deuteranopia

198.8540, -31.9730, 35.2080



Tritanopia

184.0690, 25.1090, -73.7285

Trichromacy



Original Color

165.7050, -20.0676, -97.0883



Protanomaly

184.8500, -32.9570, -22.6704



Deuteranomaly

186.6970, -27.4586, -12.8893



Tritanomaly

177.6600, 8.5486, -82.1398

Monochromacy



Original Color

165.7050, -20.0676, -97.0883



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

165.8310, -7.3117, -34.9318

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.7050, -20.0676, -97.0883 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(55, 230, 125)` looks like.

```
.text, #text, p{  
    color:rgb(55, 230, 125)  
}
```

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(55, 230, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 230, 125) }
```

Border

The CSS property to change the border of an element to YUV 165.7050, -20.0676, -97.0883 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(55, 230, 125) }
```


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

```
.border{ border-color:rgb(55, 230, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 230, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 230, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 230, 125);  
box-shadow:4px 4px 4px 4px rgb(55, 230,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 165.7050, -20.0676, -97.0883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 230, 125) }
```

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

```
.background{ background-color: rgb(55, 230,  
125) }
```

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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