

Converting Colors

YUV(160.3580, -20.3895,
-87.1370)

Have a look what the booklet for
YUV(160.3580, -20.3895, -87.1370)
contains.

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Color

**YUV(160.3580, -20.3895,
-87.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	3DDB77
RGB	61, 219, 119
RGB Percent	24%, 86%, 47%
CMY	0.7608, 0.1412, 0.5333
CMYK	0.72, 0.00, 0.46, 0.14
HSL	142°, 69%, 55%
HSV	142°, 72%, 86%
XYZ	30.5858, 52.9870, 26.0683
YIQ	160.3580, -62.0680, -64.5960

Conversions

Conversions Part 2

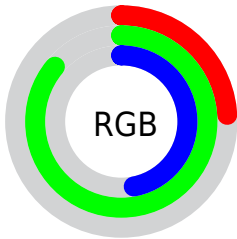
Format	Color
RYB	61, 177, 219
Decimal	4053879
CIELab	77.87, -61.97, 37.65
CIELCh	78, 72.509, 148.716
Yxy	52.9870, 0.2790, 0.4833
Android (android.graphics.Color)	4282243959 (0xFF3DDB77)
YUV	160.3580, -20.3895, -87.1370
Hunter-Lab	72.7922, -52.3844, 29.7217

Details

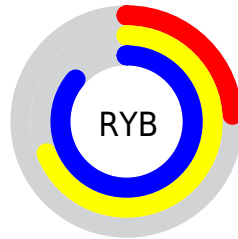
The YUV color **160.3580, -20.3895, -87.1370** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **119.6420, 20.3895, 87.1370**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.8640, -17.6810, -69.1637**, and **103.4330, -17.4685, -90.7107** is the 20% darker color. If you saturate the color by 10%, you get **152.1840, -23.2617, -99.2624**, and if you desaturate by 10%, it is **168.5320, -17.5173, -75.0116**.

Distribution



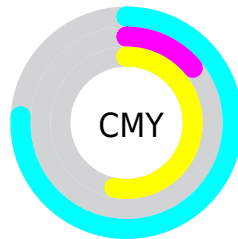
- Red (24%)
- Green (86%)
- Blue (47%)



- Red (24%)
- Yellow (69%)
- Blue (86%)



- Cyan (72%)
- Magenta (0%)
- Yellow (46%)
- Black (14%)



- Cyan (76%)
- Magenta (14%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.3580, -20.3895, -87.1370 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 160.3580, -20.3895, -87.1370 by changing the saturation by 10% instead.

■ 160.3580,
-20.3895, -87.1370

■ 160.3580,
-20.3895, -87.1370

■ 255.0000, 0.0000,
0.0000

■ 122.1320,
-14.3621, -107.1098

■ 207.8640,
-17.6810, -69.1637

■ 103.4330,
-17.4685, -90.7107

■ 220.0260, -9.8728,
-53.5198

■ 84.2610, -19.8487,
-73.8969

■ 232.6010, -1.7753,
-37.3611

■ 66.0350, -23.6813,
-57.9127

■ 244.8340, 5.0118,
-20.9024

■ 48.7210, -24.0195,
-42.7283

■ 253.8040, 0.5896,
-2.4591

■ 34.6330, -17.0741,
-30.3731

■ 19.9580, -9.8393,

-17.5032

■ 0.0000, 0.0000,
0.0000

■ 160.3580,
-20.3895, -87.1370

■ 160.3580,
-20.3895, -87.1370

■ 152.1840,
-23.2617, -99.2624

■ 168.5320,
-17.5173, -75.0116

■ 144.0100,
-26.1339, -111.3878

■ 176.7060,
-14.6451, -62.8862

■ 137.6730,
-28.4328, -120.7392

■ 184.8800,
-11.7728, -50.7608

■ 192.9400, -9.3374,
-38.5354

■ 201.1140, -6.4652,
-26.4100

■ 208.9890, -3.4456,
-14.8994

■ 217.1630, -0.5734,
-2.7740

■ 225.3370, 2.2989,
9.3515

■ 232.6140, 5.6133,
19.6325

Harmonies

Analogous

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



177.4280, -56.4130, -12.6534



160.3580, -20.3895, -87.1370



152.8060, 16.8576, -134.0109

Triad

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



160.3580, -20.3895, -87.1370



147.0570, 53.2159, -128.9690



171.7120, -19.5780, 73.0436

Complementary

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



160.3580, -20.3895, -87.1370



119.6420, 20.3895, 87.1370

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.



174.5400, 11.5658, 70.5634



160.3580, -20.3895, -87.1370



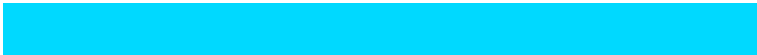
188.2950, 32.8856, -1.1357

Square

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



160.3580, -20.3895, -87.1370



156.4490, 48.5856, -137.2058



191.6040, 31.2542, 55.5983



180.0030, -51.2735, 65.7724

Rectangle

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



160.3580, -20.3895, -87.1370



158.7510, 37.0978, -139.2246



191.6040, 31.2542, 55.5983



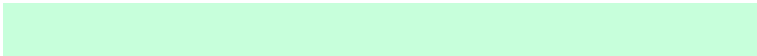
170.5840, -8.6689, 74.0328

Sweetspot

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



160.3580, -20.3895, -87.1370



234.1520, -7.4699, -30.8283



183.6460, -60.4645, -19.8605



115.4400, -4.1609, -18.8029



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.



160.3580, -20.3895, -87.1370



172.6620, -28.4274, -122.4836



169.3640, 14.1175, -95.0352



105.9130, -1.4361, -6.0627



108.8470, -22.1096, -95.4588



28.9400, -5.8864, -25.3804

Inverse Universe

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



119.6420, 20.3895, 87.1370



115.4520, 28.8642, 122.3836



110.6360, -14.1175, 95.0352



103.0870, 1.4361, 6.0627



64.2670, 22.5464, 95.3588



17.0600, 5.8864, 25.3804

Previews

White Background



This preview shows how the YUV color 160.3580, -20.3895, -87.1370 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 160.3580, -20.3895, -87.1370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

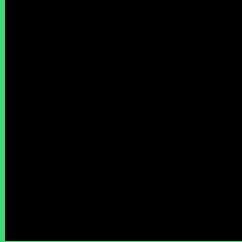
Any Text WCAG AA ✓ Pass

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 160.3580, -20.3895, -87.1370 Background



This preview shows how black text looks on a background with the YUV color 160.3580, -20.3895, -87.1370.



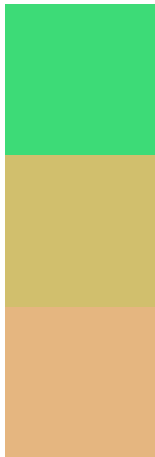
This preview shows how white text looks on a background with the YUV color 160.3580, -20.3895, -87.1370.

-87.1370.

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

160.3580, -20.3895, -87.1370

Protanopia

187.0340, -38.4708, 19.2642

Deuteranopia

189.8970, -30.5152, 34.2933



Tritanopia

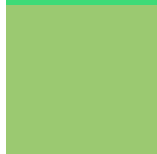
176.6460, 23.3455, -68.0955

Trichromacy



Original Color

160.3580, -20.3895, -87.1370



Protanomaly

177.2140, -31.6575, -19.4817



Deuteranomaly

178.9470, -26.5959, -9.6005



Tritanomaly

170.4760, 7.6533, -74.9625

Monochromacy



Original Color

160.3580, -20.3895, -87.1370



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

159.8530, -7.3225, -31.4431

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.3580, -20.3895, -87.1370 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(61, 219, 119)` looks like.

```
.text, #text, p{  
    color:rgb(61, 219, 119)  
}
```

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(61, 219, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 219, 119) }
```

Border

The CSS property to change the border of an element to YUV 160.3580, -20.3895, -87.1370 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(61, 219, 119) }
```


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

```
.border{ border-color:rgb(61, 219, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 219, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 219, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 219, 119);  
box-shadow:4px 4px 4px 4px rgb(61, 219,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 160.3580, -20.3895, -87.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 219, 119) }
```

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

```
.background{ background-color: rgb(61, 219,  
119) }
```

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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