

Converting Colors

YUV(179.5080, -20.9564,
-45.1725)

Have a look what the booklet for
YUV(179.5080, -20.9564, -45.1725)
contains.

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Color

**YUV(179.5080, -20.9564,
-45.1725)**

Conversions

Conversions Part 1

Format	Color
Hex	80D689
RGB	128, 214, 137
RGB Percent	50%, 84%, 54%
CMY	0.4980, 0.1608, 0.4627
CMYK	0.40, 0.00, 0.36, 0.16
HSL	126°, 51%, 67%
HSV	126°, 40%, 84%
XYZ	37.4640, 54.4885, 32.2097
YIQ	179.5080, -26.5390, -42.1790

Conversions

Conversions Part 2

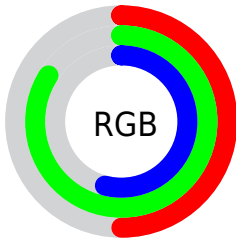
Format	Color
RYB	128, 206, 214
Decimal	8443529
CIELab	78.75, -41.78, 30.09
CIELCh	79, 51.493, 144.239
Yxy	54.4885, 0.3017, 0.4388
Android (android.graphics.Color)	4286633609 (0xFF80D689)
YUV	179.5080, -20.9564, -45.1725
Hunter-Lab	73.8163, -38.5844, 25.8003

Details

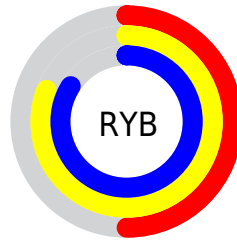
The YUV color **179.5080, -20.9564, -45.1725** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **162.4920, 20.9564, 45.1725**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.4750, -17.4892, -37.2506**, and **124.9640, -19.2093, -45.5724** is the 20% darker color. If you saturate the color by 10%, you get **171.0630, -26.1601, -56.1833**, and if you desaturate by 10%, it is **187.9530, -15.7528, -34.1618**.

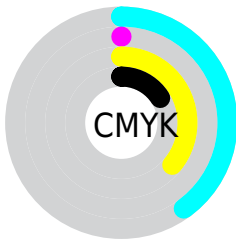
Distribution



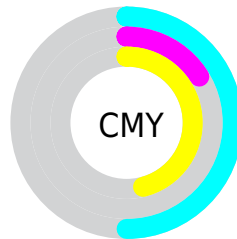
- Red (50%)
- Green (84%)
- Blue (54%)



- Red (50%)
- Yellow (81%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (36%)
- Black (16%)



- Cyan (50%)
- Magenta (16%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.5080, -20.9564, -45.1725 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 179.5080, -20.9564, -45.1725 by changing the saturation by 10% instead.

■ 179.5080,
-20.9564, -45.1725

■ 179.5080,
-20.9564, -45.1725

255.0000, 0.0000,
0.0000

■ 152.0350,
-20.2303, -44.7577

■ 226.4750,
-17.4892, -37.2506

■ 124.9640,
-19.2093, -45.5724

■ 238.3380, -9.5336,
-22.2214

■ 97.7080, -17.6040,
-47.1019

■ 250.3150, -1.1413,
-7.2923

■ 67.5650, -14.0825,
-56.6235

■ 49.2570, -16.8887,
-43.1984

■ 33.4590, -16.4953,
-29.3435

■ 21.7190, -10.7075,

-19.0476

■ 0.0000, 0.0000,
0.0000

■ 179.5080,
-20.9564, -45.1725

■ 179.5080,
-20.9564, -45.1725

■ 171.0630,
-26.1601, -56.1833

■ 187.9530,
-15.7528, -34.1618

■ 162.3190,
-31.2163, -67.8088

■ 196.6970,
-10.6966, -22.5363

■ 153.8740,
-36.4199, -78.8195

■ 205.1420, -5.4930,
-11.5255

■ 145.0160,
-41.9129, -90.3450

■ 214.0000, 0.0000,
0.0000

■ 136.5710,
-47.1165, -101.3558

■ 222.4450, 5.2036,
11.0107

■ 128.1260,
-52.3201, -112.3665

■ 230.5910, 10.5546,
21.4067

■ 230.9330, 11.8650,
21.1068

Harmonies

Analogous

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



187.0330, -40.4423, -1.7829



179.5080, -20.9564, -45.1725



159.6950, 11.9824, -110.2345

Triad

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



179.5080, -20.9564, -45.1725



175.7390, 39.0757, -73.4391



187.0030, -14.2985, 59.6334

Complementary

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



179.5080, -20.9564, -45.1725



162.4920, 20.9564, 45.1725

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.



191.3010, 7.2466, 55.8640



179.5080, -20.9564, -45.1725



193.5670, 30.2865, -7.5133

Square

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



179.5080, -20.9564, -45.1725



154.6880, 49.4538, -135.6614



200.7840, 24.7565, 39.6544



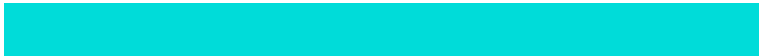
190.7750, -35.3851, 56.3253

Rectangle

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



179.5080, -20.9564, -45.1725



153.8780, 31.1191, -134.9510



200.7840, 24.7565, 39.6544



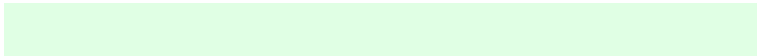
187.6530, -6.7309, 59.0633

Sweetspot

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



179.5080, -20.9564, -45.1725



242.6530, -7.2239, -16.3587



201.5050, -36.2380, 3.0651



120.7940, -4.3354, -9.4663



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.



179.5080, -20.9564, -45.1725



205.9820, -30.0641, -64.0052



184.4100, -2.1741, -49.4716



102.6850, -2.3097, -5.8627



102.4290, -41.6235, -89.8302



25.8110, -10.2598, -22.6362

Inverse Universe

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



162.4920, 20.9564, 45.1725



181.9040, 29.6273, 64.1052



157.5900, 2.1741, 49.4716



100.4290, 2.7465, 5.7628



68.5710, 41.6235, 89.8302



17.3030, 10.6966, 22.5363

Previews

White Background



This preview shows how the YUV color 179.5080, -20.9564, -45.1725 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 179.5080, -20.9564, -45.1725 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 179.5080, -20.9564, -45.1725 Background



This preview shows how black text looks on a background with the YUV color 179.5080, -20.9564, -45.1725.



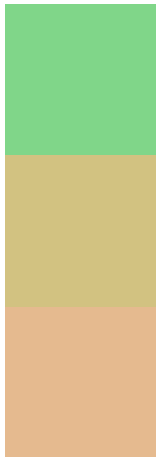
This preview shows how white text looks on a background with the YUV color 179.5080, -20.9564, -45.1725.

-45.1725.

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

179.5080, -20.9564, -45.1725

Protanopia

191.3740, -30.7504, 16.3350

Deuteranopia

193.9550, -25.1208, 30.7345



Tritanopia

188.1830, 15.6858, -37.8715

Trichromacy



Original Color

179.5080, -20.9564, -45.1725



Protanomaly

186.8550, -27.0435, -6.0118



Deuteranomaly

188.5340, -23.4343, 3.0397



Tritanomaly

185.3170, 2.3087, -40.6200

Monochromacy



Original Color

179.5080, -20.9564, -45.1725



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

179.5390, -7.6607, -16.2587

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.5080, -20.9564, -45.1725 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(128, 214, 137)` looks like.

```
.text, #text, p{  
    color:rgb(128, 214, 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(128, 214, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 214, 137) }
```

Border

The CSS property to change the border of an element to YUV 179.5080, -20.9564, -45.1725 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(128, 214, 137) }
```


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

```
.border{ border-color:rgb(128, 214, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 214, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 214, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 214, 137);  
box-shadow:4px 4px 4px 4px rgb(128, 214,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 179.5080, -20.9564, -45.1725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 214, 137) }
```

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

```
.background{ background-color: rgb(128,  
214, 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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