

Converting Colors

YUV(181.6330, -20.5251,
-43.5281)

Have a look what the booklet for
YUV(181.6330, -20.5251, -43.5281)
contains.

YUV(181.6330, -20.5251, -43.5281)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(181.6330, -20.5251,
-43.5281)**

Conversions

Conversions Part 1

Format	Color
Hex	84D78C
RGB	132, 215, 140
RGB Percent	52%, 84%, 55%
CMY	0.4824, 0.1569, 0.4510
CMYK	0.39, 0.00, 0.35, 0.16
HSL	126°, 51%, 68%
HSV	126°, 39%, 84%
XYZ	38.5498, 55.3999, 33.4724
YIQ	181.6330, -25.3930, -40.9210

Conversions

Conversions Part 2

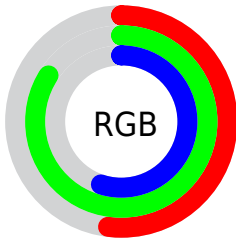
Format	Color
RYB	132, 208, 215
Decimal	8705932
CIELab	79.27, -40.54, 29.28
CIElCh	79, 50.008, 144.162
Yxy	55.3999, 0.3025, 0.4348
Android (android.graphics.Color)	4286896012 (0xFF84D78C)
YUV	181.6330, -20.5251, -43.5281
Hunter-Lab	74.4311, -37.8046, 25.4385

Details

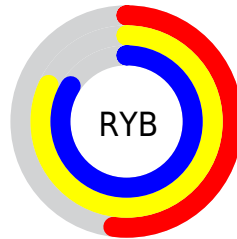
The YUV color **181.6330, -20.5251, -43.5281** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **165.3670, 20.5251, 43.5281**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.0130, -16.7684, -35.0914**, and **127.0890, -18.7779, -43.9281** is the 20% darker color. If you saturate the color by 10%, you get **173.1880, -25.7287, -54.5389**, and if you desaturate by 10%, it is **190.3770, -15.4689, -31.9026**.

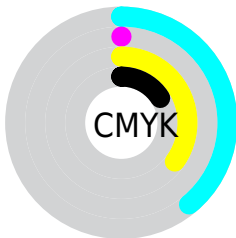
Distribution



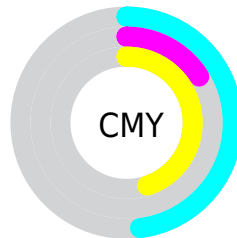
- Red (52%)
- Green (84%)
- Blue (55%)



- Red (52%)
- Yellow (82%)
- Blue (84%)



- Cyan (39%)
- Magenta (0%)
- Yellow (35%)
- Black (16%)



- Cyan (48%)
- Magenta (16%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.6330, -20.5251, -43.5281 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 181.6330, -20.5251, -43.5281 by changing the saturation by 10% instead.

■ 181.6330,
-20.5251, -43.5281

■ 181.6330,
-20.5251, -43.5281

255.0000, 0.0000,
0.0000

■ 154.1600,
-19.7989, -43.1133

■ 228.0130,
-16.7684, -35.0914

■ 127.0890,
-18.7779, -43.9281

■ 239.8760, -8.8129,
-20.0623

■ 100.1320,
-17.3201, -44.8428

■ 251.8530, -0.4205,
-5.1331

■ 71.9680, -15.2672,
-49.9609

■ 50.1860, -15.8677,
-44.0131

■ 34.0460, -16.7847,
-29.8583

■ 22.3060, -10.9969,

-19.5624

■ 0.0000, 0.0000,
0.0000

■ 181.6330,
-20.5251, -43.5281

■ 181.6330,
-20.5251, -43.5281

■ 173.1880,
-25.7287, -54.5389

■ 190.3770,
-15.4689, -31.9026

■ 164.3300,
-31.2217, -66.0644

■ 198.9360, -9.8284,
-20.9919

■ 155.8850,
-36.4253, -77.0751

■ 207.6800, -4.7722,
-9.3664

■ 147.0270,
-41.9183, -88.6007

■ 216.2390, 0.8682,
1.5444

■ 138.2830,
-46.9745, -100.2262

■ 224.9830, 5.9244,
13.1699

■ 129.7240,
-52.6149, -111.1369

■ 231.5200, 11.5756,
20.5920

■ 128.5990,
-53.0463, -112.7813

Harmonies

Analogous

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



188.6740, -39.2793, -1.4681



181.6330, -20.5251, -43.5281



165.4790, 9.6239, -100.3981

Triad

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



181.6330, -20.5251, -43.5281



178.7180, 37.6070, -69.0357



189.1060, -13.8563, 57.7890

Complementary

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



181.6330, -20.5251, -43.5281



165.3670, 20.5251, 43.5281

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.



193.1760, 6.8152, 54.2196



181.6330, -20.5251, -43.5281



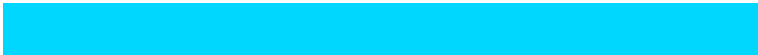
195.3390, 29.4129, -7.3133

Square

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



181.6330, -20.5251, -43.5281



155.2750, 49.1644, -136.1762



201.9580, 24.1777, 38.6248



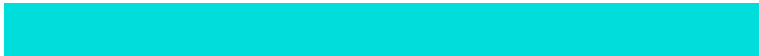
192.2910, -34.6535, 54.9958

Rectangle

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



181.6330, -20.5251, -43.5281



154.5790, 31.2666, -135.5658



201.9580, 24.1777, 38.6248



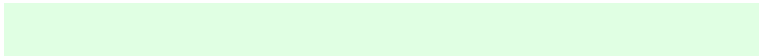
189.6420, -6.7255, 57.3190

Sweetspot

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



181.6330, -20.5251, -43.5281



242.5390, -7.6607, -16.2587



203.4450, -35.2224, 3.9947



120.6800, -4.7722, -9.3664



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.



181.6330, -20.5251, -43.5281



207.9330, -29.0540, -61.3312



186.1930, -3.0531, -47.5273



102.5710, -2.7465, -5.7628



102.2010, -42.4971, -89.6303



25.6970, -10.6966, -22.5363

Inverse Universe

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



165.3670, 20.5251, 43.5281



185.0670, 29.0540, 61.3312



160.8070, 3.0531, 47.5273



100.4290, 2.7465, 5.7628



68.6850, 42.0603, 89.7303



17.3030, 10.6966, 22.5363

Previews

White Background



This preview shows how the YUV color 181.6330, -20.5251, -43.5281 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 181.6330, -20.5251, -43.5281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

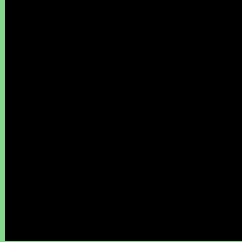
Any Text WCAG AA ✓ Pass

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 181.6330, -20.5251, -43.5281 Background



This preview shows how black text looks on a background with the YUV color 181.6330, -20.5251, -43.5281.



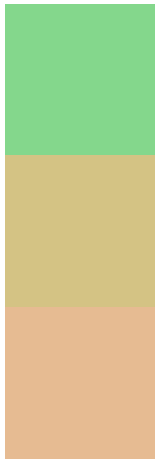
This preview shows how white text looks on a background with the YUV color 181.6330, -20.5251, -43.5281.

-43.5281.

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

181.6330, -20.5251, -43.5281

Protanopia

192.9010, -30.0242, 16.7498

Deuteranopia

195.1830, -24.2472, 30.5345



Tritanopia

189.7810, 15.3910, -36.6419

Trichromacy



Original Color

181.6330, -20.5251, -43.5281



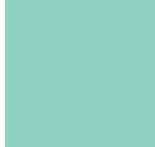
Protanomaly

188.6810, -26.4647, -4.9822



Deuteranomaly

190.0610, -22.7081, 3.4545



Tritanomaly

187.0290, 2.4507, -39.4904

Monochromacy



Original Color

181.6330, -20.5251, -43.5281



Achromatopsia

182.0000, 0.0000, 0.0000



Achromatomaly

181.9520, -7.3713, -15.7439

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.6330, -20.5251, -43.5281 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(132, 215, 140)` looks like.

```
.text, #text, p{  
    color:rgb(132, 215, 140)  
}
```

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(132, 215, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 215, 140) }
```

Border

The CSS property to change the border of an element to YUV 181.6330, -20.5251, -43.5281 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(132, 215, 140) }
```


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

```
.border{ border-color:rgb(132, 215, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 215, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 215, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 215, 140);  
box-shadow:4px 4px 4px 4px rgb(132, 215,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 181.6330, -20.5251, -43.5281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 215, 140) }
```

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

```
.background{ background-color: rgb(132,  
215, 140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor