

Converting Colors

YUV(180.5340, -17.0253,
-46.0723)

Have a look what the booklet for
YUV(180.5340, -17.0253, -46.0723)
contains.

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Color

**YUV(180.5340, -17.0253,
-46.0723)**

Conversions

Conversions Part 1

Format	Color
Hex	80D692
RGB	128, 214, 146
RGB Percent	50%, 84%, 57%
CMY	0.4980, 0.1608, 0.4275
CMYK	0.40, 0.00, 0.32, 0.16
HSL	133°, 51%, 67%
HSV	133°, 40%, 84%
XYZ	38.1370, 54.7577, 35.7534
YIQ	180.5340, -29.4280, -39.3800

Conversions

Conversions Part 2

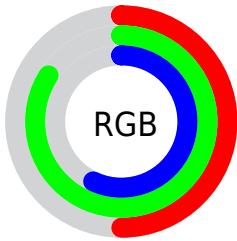
Format	Color
RYB	128, 199, 214
Decimal	8443538
CIELab	78.90, -40.27, 25.64
CIELCh	79, 47.745, 147.514
Yxy	54.7577, 0.2964, 0.4256
Android (android.graphics.Color)	4286633618 (0xFF80D692)
YUV	180.5340, -17.0253, -46.0723
Hunter-Lab	73.9984, -37.5027, 23.1521

Details

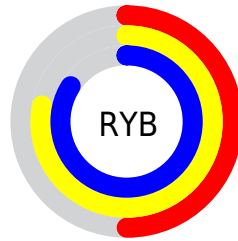
The YUV color **180.5340, -17.0253, -46.0723** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **161.4660, 17.0253, 46.0723**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.5010, -13.5580, -38.1504**, and **125.9900, -15.2781, -46.4722** is the 20% darker color. If you saturate the color by 10%, you get **172.3170, -21.3553, -57.2830**, and if you desaturate by 10%, it is **188.7510, -12.6952, -34.8616**.

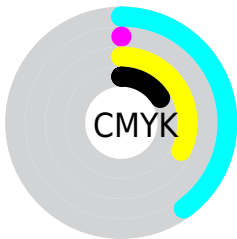
Distribution



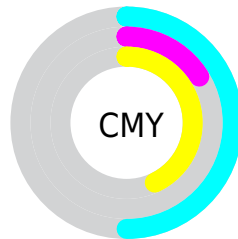
- Red (50%)
- Green (84%)
- Blue (57%)



- Red (50%)
- Yellow (78%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (32%)
- Black (16%)



- Cyan (50%)
- Magenta (16%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.5340, -17.0253, -46.0723 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 180.5340, -17.0253, -46.0723 by changing the saturation by 10% instead.

■ 180.5340,
-17.0253, -46.0723

■ 180.5340,
-17.0253, -46.0723

255.0000, 0.0000,
0.0000

■ 153.0610,
-16.2991, -45.6575

■ 227.5010,
-13.5580, -38.1504

■ 125.9900,
-15.2781, -46.4722

■ 239.4780, -5.1657,
-23.2212

■ 98.7340, -13.6729,
-48.0017

■ 251.1130, 1.9163,
-7.9921

■ 68.7760, -10.7356,
-56.8086

■ 50.3970, -12.5207,
-44.1982

■ 33.4590, -16.4953,
-29.3435

■ 21.7190, -10.7075,

-19.0476

■ 0.0000, 0.0000,
0.0000

■ 180.5340,
-17.0253, -46.0723

■ 180.5340,
-17.0253, -46.0723

■ 172.3170,
-21.3553, -57.2830

■ 188.7510,
-12.6952, -34.8616

■ 163.8010,
-25.5379, -69.1085

■ 197.2670, -8.5126,
-23.0362

■ 155.5840,
-29.8679, -80.3192

■ 205.4840, -4.1826,
-11.8255

■ 147.0680,
-34.0505, -92.1446

■ 214.0000, 0.0000,
0.0000

■ 138.8510,
-38.3805, -103.3553

■ 222.2170, 4.3300,
11.2107

■ 130.7480,
-42.2738, -114.6660

■ 230.1350, 8.8074,
21.8066

■ 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.



187.7490, -36.3583, -5.0419



180.5340, -17.0253, -46.0723



165.1740, 12.2392, -99.2536

Triad

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



180.5340, -17.0253, -46.0723



182.0400, 35.9693, -57.0401



189.8240, -16.1822, 57.1594

Complementary

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



180.5340, -17.0253, -46.0723



161.4660, 17.0253, 46.0723

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.



193.0790, 3.9051, 54.3047



180.5340, -17.0253, -46.0723



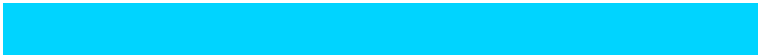
195.6710, 29.2492, -1.4655

Square

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



180.5340, -17.0253, -46.0723



153.5140, 50.0326, -134.6318



200.8720, 21.2621, 40.4543



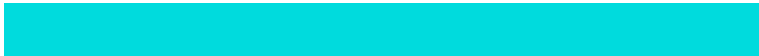
193.4650, -35.2322, 53.9662

Rectangle

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



180.5340, -17.0253, -46.0723



153.7470, 33.1557, -134.8361



200.8720, 21.2621, 40.4543



189.6590, -9.1989, 57.3041

Sweetspot

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



180.5340, -17.0253, -46.0723



242.9950, -5.9135, -16.6586



199.1130, -35.0587, -1.8531



120.9080, -3.8986, -9.5663



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.



180.5340, -17.0253, -46.0723



207.4640, -24.3858, -65.3049



185.3220, 1.3203, -50.2714



102.7990, -1.8729, -5.9627



104.4810, -33.7611, -91.6298



26.2670, -8.5126, -23.0362

Inverse Universe

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



161.4660, 17.0253, 46.0723



180.4220, 23.9490, 65.4049



156.6780, -1.3203, 50.2714



100.3150, 2.3097, 5.8627



66.5190, 33.7611, 91.6298



16.7330, 8.5126, 23.0362

Previews

White Background



This preview shows how the YUV color 180.5340, -17.0253, -46.0723 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 180.5340, -17.0253, -46.0723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

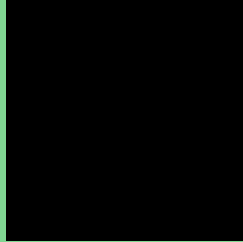
Any Text WCAG AA ✓ Pass

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 180.5340, -17.0253, -46.0723 Background



This preview shows how black text looks on a background with the YUV color 180.5340, -17.0253, -46.0723.



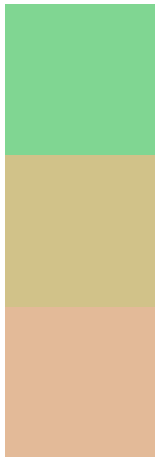
This preview shows how white text looks on a background with the YUV color 180.5340, -17.0253, -46.0723.

-46.0723.

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

180.5340, -17.0253, -46.0723

Protanopia

191.9870, -27.1086, 14.9204

Deuteranopia

194.3830, -20.8948, 28.6051



Tritanopia

188.5850, 15.9806, -39.1010

Trichromacy



Original Color

180.5340, -17.0253, -46.0723



Protanomaly

187.7670, -23.5491, -6.8117



Deuteranomaly

189.2610, -19.3557, 1.5251



Tritanomaly

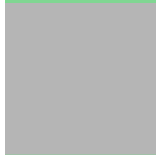
185.4740, 4.2033, -41.6347

Monochromacy



Original Color

180.5340, -17.0253, -46.0723



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

180.8810, -6.3503, -16.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.5340, -17.0253, -46.0723 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(128, 214, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 214, 146) }
```

Border

The CSS property to change the border of an element to YUV 180.5340, -17.0253, -46.0723 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, 146) }
```


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

```
.border{ border-color:rgb(128, 214, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 214, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 214, 146);  
box-shadow:4px 4px 4px 4px rgb(128, 214,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 180.5340, -17.0253, -46.0723 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, 146) }
```

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

```
.background{ background-color: rgb(128,  
214, 146) }
```

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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