

Converting Colors

YUV(181.2640, -4.0742,
-46.7125)

Have a look what the booklet for
YUV(181.2640, -4.0742, -46.7125)
contains.

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Color

**YUV(181.2640, -4.0742,
-46.7125)**

Conversions

Conversions Part 1

Format	Color
Hex	80D2AD
RGB	128, 210, 173
RGB Percent	50%, 82%, 68%
CMY	0.4980, 0.1765, 0.3216
CMYK	0.39, 0.00, 0.18, 0.18
HSL	153°, 48%, 66%
HSV	153°, 39%, 82%
XYZ	39.4915, 53.6995, 47.8188
YIQ	181.2640, -36.9950, -28.8910

Conversions

Conversions Part 2

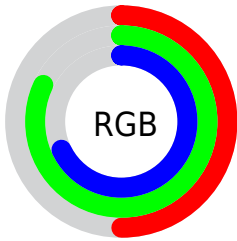
Format	Color
RYB	128, 181, 210
Decimal	8442541
CIELab	78.29, -33.31, 10.54
CIELCh	78, 34.934, 162.441
Yxy	53.6995, 0.2801, 0.3808
Android (android.graphics.Color)	4286632621 (0xFF80D2AD)
YUV	181.2640, -4.0742, -46.7125
Hunter-Lab	73.2800, -32.0440, 12.6063

Details

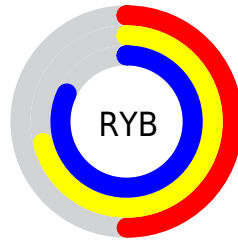
The YUV color **181.2640, -4.0742, -46.7125** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **156.7360, 4.0742, 46.7125**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.6930, -1.3276, -40.9498**, and **126.9050, -2.9112, -46.3977** is the 20% darker color. If you saturate the color by 10%, you get **173.9590, -4.9098, -58.7230**, and if you desaturate by 10%, it is **188.5690, -3.2385, -34.7020**.

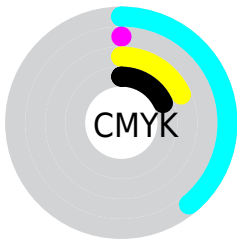
Distribution



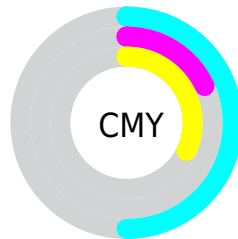
- Red (50%)
- Green (82%)
- Blue (68%)



- Red (50%)
- Yellow (71%)
- Blue (82%)



- Cyan (39%)
- Magenta (0%)
- Yellow (18%)
- Black (18%)



- Cyan (50%)
- Magenta (18%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.2640, -4.0742, -46.7125 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 181.2640, -4.0742, -46.7125 by changing the saturation by 10% instead.

■ 181.2640, -4.0742,
-46.7125

■ 181.2640, -4.0742,
-46.7125

255.0000, 0.0000,
0.0000

■ 153.6770, -3.7848,
-46.1977

■ 230.6930, -1.3276,
-40.9498

■ 126.9050, -2.9112,
-46.3977

■ 242.1430, 6.3385,
-26.4354

■ 100.4210, -2.1796,
-47.7272

■ 250.8140, 2.0637,
-8.6069

■ 71.3600, 0.3155,
-54.6897

■ 51.4860, -0.7326,
-45.1532

■ 35.4770, -3.6862,
-31.1133

■ 20.8870, -8.8183,

-18.3179

■ 0.0000, 0.0000,
0.0000

■ 181.2640, -4.0742,
-46.7125

■ 181.2640, -4.0742,
-46.7125

■ 173.9590, -4.9098,
-58.7230

■ 188.5690, -3.2385,
-34.7020

■ 166.5400, -6.1822,
-70.6336

■ 195.9880, -1.9661,
-22.7915

■ 159.2350, -7.0179,
-82.6441

■ 203.2930, -1.1304,
-10.7810

■ 151.8160, -8.2903,
-94.5546

■ 210.7120, 0.1420,
1.1296

■ 144.5110, -9.1259,
-106.5651

■ 218.0170, 0.9776,
13.1401

■ 137.0920,
-10.3984, -118.4757

■ 225.4360, 2.2501,
25.0506

■ 136.3800,
-10.5403, -119.6053

■ 226.7610, 6.0338,
24.7656

■ 227.9010, 10.4018,
23.7658

■ 228.5850, 13.0226,
23.1660

Harmonies

Analogous

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



186.4990, -20.4590, -17.9776



181.2640, -4.0742, -46.7125



176.0340, 14.7732, -71.9438

Triad

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



181.2640, -4.0742, -46.7125



192.9030, 30.6138, -19.2089



195.5860, -21.9809, 50.3521

Complementary

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



181.2640, -4.0742, -46.7125



156.7360, 4.0742, 46.7125

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.



196.0820, -7.4354, 51.6711



181.2640, -4.0742, -46.7125



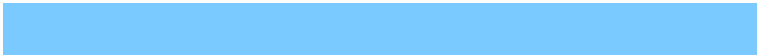
198.1200, 21.6328, 14.8038

Square

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



181.2640, -4.0742, -46.7125



184.1220, 34.9429, -54.4810



198.9140, 7.4374, 41.2944



193.3100, -30.2258, 34.8081

Rectangle

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



181.2640, -4.0742, -46.7125



174.2640, 25.9988, -79.1615



198.9140, 7.4374, 41.2944



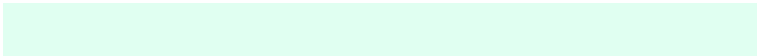
195.4490, -17.4764, 52.2262

Sweetspot

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



181.2640, -4.0742, -46.7125



244.1350, -1.5456, -17.6584



187.4960, -29.3315, -18.8520



121.5920, -1.2779, -10.1662



0.0000, 0.0000, 0.0000



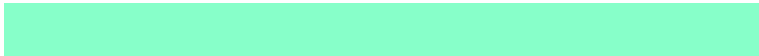
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



181.2640, -4.0742, -46.7125



212.9640, -5.8983, -68.3744



183.7210, 12.9555, -48.8673



101.1410, -0.5625, -6.2627



109.1040, -8.4323, -95.6842



26.5750, -2.2555, -23.3063

Inverse Universe

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



156.7360, 4.0742, 46.7125



177.0360, 5.8983, 68.3744



154.2790, -12.9555, 48.8673



97.8590, 0.5625, 6.2627



58.8960, 8.4323, 95.6842



14.3110, 1.8187, 23.4063

Previews

White Background



This preview shows how the YUV color 181.2640, -4.0742, -46.7125 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 181.2640, -4.0742, -46.7125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

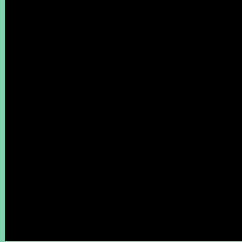
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 181.2640, -4.0742, -46.7125

Background



This preview shows how black text looks on a background with the YUV color 181.2640, -4.0742, -46.7125.



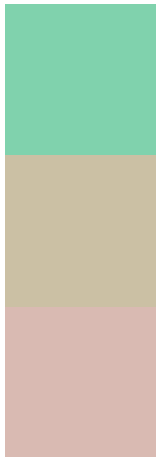
This preview shows how white text looks on a background with the YUV color 181.2640, -4.0742, -46.7125.

-46.7125.

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

181.2640, -4.0742, -46.7125

Protanopia

192.0970, -13.8518, 9.5619

Deuteranopia

194.3570, -8.0640, 19.8579



Tritanopia

186.3890, 16.5702, -41.5602

Trichromacy



Original Color

181.2640, -4.0742, -46.7125



Protanomaly

188.4750, -10.5872, -10.9406



Deuteranomaly

189.8440, -6.8251, -4.2482



Tritanomaly

184.4290, 9.1555, -43.3492

Monochromacy



Original Color

181.2640, -4.0742, -46.7125



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

181.4340, -1.6930, -17.0436

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.2640, -4.0742, -46.7125 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, 210, 173)` looks like.

```
.text, #text, p{  
    color:rgb(128, 210, 173)  
}
```

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, 210, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 210, 173) }
```

Border

The CSS property to change the border of an element to YUV 181.2640, -4.0742, -46.7125 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, 210, 173) }
```


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

```
.border{ border-color:rgb(128, 210, 173) }
```

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

Here you see how a box with a 4 pixel rgb(128, 210, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 210, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 210, 173);  
box-shadow:4px 4px 4px 4px rgb(128, 210,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 181.2640, -4.0742, -46.7125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 210, 173) }
```

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

```
.background{ background-color: rgb(128,  
210, 173) }
```

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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