

Converting Colors

YUV(186.2640, -7.5252,
-59.8675)

Have a look what the booklet for
YUV(186.2640, -7.5252, -59.8675)
contains.

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Color

**YUV(186.2640, -7.5252,
-59.8675)**

Conversions

Conversions Part 1

Format	Color
Hex	76E0AB
RGB	118, 224, 171
RGB Percent	46%, 88%, 67%
CMY	0.5373, 0.1216, 0.3294
CMYK	0.47, 0.00, 0.24, 0.12
HSL	150°, 63%, 67%
HSV	150°, 47%, 88%
XYZ	41.4776, 60.1031, 47.9430
YIQ	186.2640, -46.1630, -38.9550

Conversions

Conversions Part 2

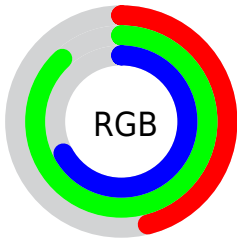
Format	Color
RYB	118, 189, 224
Decimal	7790763
CIELab	81.89, -42.71, 16.63
CIELCh	82, 45.829, 158.725
Yxy	60.1031, 0.2774, 0.4020
Android (android.graphics.Color)	4285980843 (0xFF76E0AB)
YUV	186.2640, -7.5252, -59.8675
Hunter-Lab	77.5262, -40.1710, 17.6028

Details

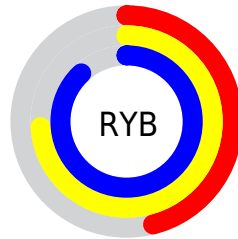
The YUV color **186.2640, -7.5252, -59.8675** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **155.7360, 7.5252, 59.8675**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.7740, -0.8746, -46.2828**, and **129.8230, -5.3357, -62.1118** is the 20% darker color. If you saturate the color by 10%, you get **178.4320, -9.0870, -72.2929**, and if you desaturate by 10%, it is **194.0960, -5.9633, -47.4422**.

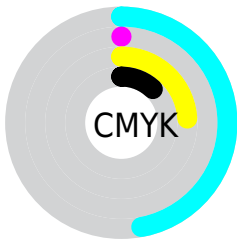
Distribution



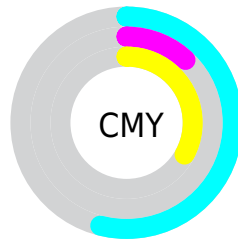
- Red (46%)
- Green (88%)
- Blue (67%)



- Red (46%)
- Yellow (74%)
- Blue (88%)



- Cyan (47%)
- Magenta (0%)
- Yellow (24%)
- Black (12%)



- Cyan (54%)
- Magenta (12%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.2640, -7.5252, -59.8675 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 186.2640, -7.5252, -59.8675 by changing the saturation by 10% instead.

 186.2640, -7.5252,
-59.8675


 186.2640, -7.5252,
-59.8675


255.0000, 0.0000,
0.0000


 158.0790, -6.9409,
-60.5823


 227.7740, -0.8746,
-46.2828


 129.8230, -5.3357,
-62.1118


 239.7510, 7.5178,
-31.3536

 100.0610, -2.9881,
-68.4595

 248.7210, 3.0955,
-12.9103

 75.4850, -2.7041,
-66.2003

 58.1880, -5.5157,
-51.0309

 41.1190, -7.4537,
-36.0614

 25.2410, -12.4438,

-22.1364

■ 7.6310, -3.7621,
-6.6924

■ 0.0000, 0.0000,
0.0000

■ 186.2640, -7.5252,
-59.8675

■ 186.2640, -7.5252,
-59.8675

■ 178.4320, -9.0870,
-72.2929

■ 194.0960, -5.9633,
-47.4422

■ 170.3010,
-10.5014, -85.3330


■ 202.2270, -4.5489,
-34.4021


■ 162.3550,
-12.5000, -97.6583


■ 210.1730, -2.5503,
-22.0767


■ 154.2240,
-13.9144, -110.6984

■ 218.3040, -1.1359,
-9.0366


 146.3920,
-15.4763, -123.1238

 226.1360, 0.4260,
3.3887

 144.2560,
-15.9022, -126.5125

 233.9680, 1.9878,
15.8141

 236.1190, 6.3503,
16.5586

 236.8030, 8.9711,
15.9588

Harmonies

Analogous

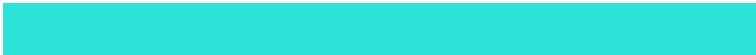
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



194.4960, -29.3315, -18.8520



186.2640, -7.5252, -59.8675



170.6160, 21.8813, -111.9192

Triad

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



186.2640, -7.5252, -59.8675



196.9570, 28.6152, -31.5343



196.8850, -22.1283, 50.9669

Complementary

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



186.2640, -7.5252, -59.8675



155.7360, 7.5252, 59.8675

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.



198.0370, -2.4832, 49.9566



186.2640, -7.5252, -59.8675



206.7010, 23.8114, 16.0482

Square

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



186.2640, -7.5252, -59.8675



178.8850, 37.5247, -89.3531



205.2870, 15.1415, 43.5983



201.9110, -38.4101, 46.5591

Rectangle

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



186.2640, -7.5252, -59.8675



159.7770, 41.0289, -140.1244



205.2870, 15.1415, 43.5983



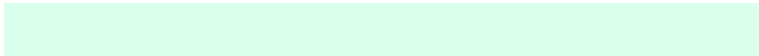
196.6060, -15.5818, 51.2115

Sweetspot

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



186.2640, -7.5252, -59.8675



242.1840, -2.5557, -20.3324



196.0690, -38.4880, -21.9855



120.1680, -1.5618, -12.4253



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.



186.2640, -7.5252, -59.8675



203.3230, -10.5122, -81.8443



192.3060, 15.6251, -65.1664



108.1410, -0.5625, -6.2627



113.3440, -12.4946, -99.4027



30.9120, -3.4076, -27.1098

Inverse Universe

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



155.7360, 7.5252, 59.8675



161.5630, 10.0754, 81.9442



149.6940, -15.6251, 65.1664



104.9730, 0.9993, 6.1627



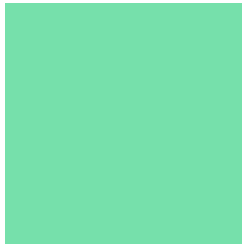
62.6560, 12.4946, 99.4027



17.0880, 3.4076, 27.1098

Previews

White Background



This preview shows how the YUV color 186.2640, -7.5252, -59.8675 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 186.2640, -7.5252, -59.8675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

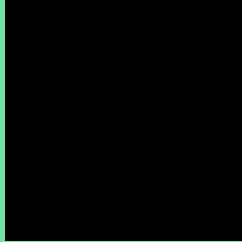
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.2640, -7.5252, -59.8675

Background



This preview shows how black text looks on a background with the YUV color 186.2640, -7.5252, -59.8675.



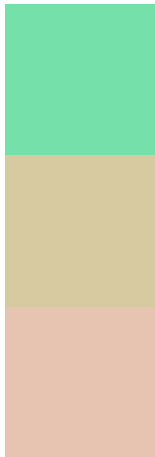
This preview shows how white text looks on a background with the YUV color 186.2640, -7.5252, -59.8675.

-59.8675.

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

186.2640, -7.5252, -59.8675

Protanopia

201.0990, -20.2618, 12.1912

Deuteranopia

203.7120, -13.1690, 23.9316



Tritanopia

193.4200, 19.5129, -52.1113

Trichromacy



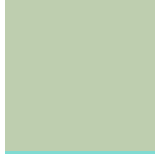
Original Color

186.2640, -7.5252, -59.8675



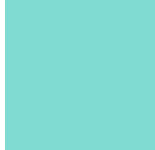
Protanomaly

195.7860, -15.6705, -13.8443



Deuteranomaly

197.6820, -11.1822, -6.7371



Tritanomaly

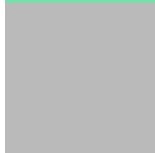
190.7650, 9.4829, -55.0449

Monochromacy



Original Color

186.2640, -7.5252, -59.8675



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

186.1730, -2.5503, -22.0767

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.2640, -7.5252, -59.8675 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(118, 224, 171)` looks like.

```
.text, #text, p{  
    color:rgb(118, 224, 171)  
}
```

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(118, 224, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 224, 171) }
```

Border

The CSS property to change the border of an element to YUV 186.2640, -7.5252, -59.8675 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(118, 224, 171) }
```


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

```
.border{ border-color:rgb(118, 224, 171) }
```

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

Here you see how a box with a 4 pixel rgb(118, 224, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 224, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 224, 171);  
box-shadow:4px 4px 4px 4px rgb(118, 224,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 186.2640, -7.5252, -59.8675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 224, 171) }
```

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

```
.background{ background-color: rgb(118,  
224, 171) }
```

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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