

Converting Colors

YUV(183.9300, -14.2625,
-45.5426)

Have a look what the booklet for
YUV(183.9300, -14.2625, -45.5426)
contains.

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Color

**YUV(183.9300, -14.2625,
-45.5426)**

Conversions

Conversions Part 1

Format	Color
Hex	84D89B
RGB	132, 216, 155
RGB Percent	52%, 85%, 61%
CMY	0.4824, 0.1529, 0.3922
CMYK	0.39, 0.00, 0.28, 0.15
HSL	136°, 52%, 68%
HSV	136°, 39%, 85%
XYZ	39.9880, 56.3838, 39.7859
YIQ	183.9300, -30.4830, -36.7790

Conversions

Conversions Part 2

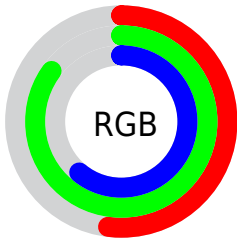
Format	Color
RYB	132, 198, 216
Decimal	8706203
CIELab	79.83, -38.41, 22.24
CIELCh	80, 44.387, 149.925
Yxy	56.3838, 0.2937, 0.4141
Android (android.graphics.Color)	4286896283 (0xFF84D89B)
YUV	183.9300, -14.2625, -45.5426
Hunter-Lab	75.0892, -36.3477, 21.1477

Details

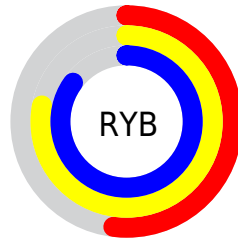
The YUV color **183.9300, -14.2625, -45.5426** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **164.0700, 14.2625, 45.5426**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.8370, -9.7796, -36.6910**, and **129.5710, -13.0995, -45.2278** is the 20% darker color. If you saturate the color by 10%, you get **175.5280, -18.0083, -57.4681**, and if you desaturate by 10%, it is **192.3320, -10.5167, -33.6172**.

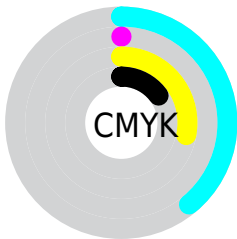
Distribution



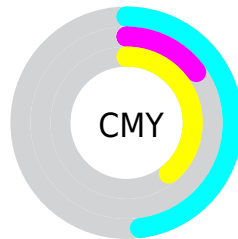
- Red (52%)
- Green (85%)
- Blue (61%)



- Red (52%)
- Yellow (78%)
- Blue (85%)



- Cyan (39%)
- Magenta (0%)
- Yellow (28%)
- Black (15%)



- Cyan (48%)
- Magenta (15%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.9300, -14.2625, -45.5426 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 183.9300, -14.2625, -45.5426 by changing the saturation by 10% instead.

■ 183.9300,
-14.2625, -45.5426

■ 183.9300,
-14.2625, -45.5426

255.0000, 0.0000,
0.0000

■ 156.4570,
-13.5363, -45.1278

■ 229.8370, -9.7796,
-36.6910

■ 129.5710,
-13.0995, -45.2278

■ 241.7000, -1.8241,
-21.6619

■ 102.6140,
-11.6417, -46.1425

■ 252.3090, 1.3267,
-5.5330

■ 74.2650, -9.0046,
-51.9754

■ 52.4830, -9.6051,
-46.0276

■ 35.8870, -12.2693,
-31.4729

■ 22.3060, -10.9969,

-19.5624

■ 0.0000, 0.0000,
0.0000

■ 183.9300,
-14.2625, -45.5426

■ 183.9300,
-14.2625, -45.5426

■ 175.5280,
-18.0083, -57.4681

■ 192.3320,
-10.5167, -33.6172

■ 167.5390,
-21.4647, -68.8787

■ 200.3210, -7.0603,
-22.2065

■ 159.1370,
-25.2105, -80.8041

■ 208.7230, -3.3144,
-10.2811

■ 151.0340,
-29.1038, -92.1148

■ 216.8260, 0.5788,
1.0296

■ 142.7460,
-32.4128, -104.1402

■ 225.1140, 3.8878,
13.0550

■ 134.3440,
-36.1586, -116.0657

■ 231.4230, 8.6655,
20.6770

■ 133.5180,
-36.7374, -117.0953

■ 232.1070, 11.2862,
20.0772

Harmonies

Analogous

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



190.6500, -32.8584, -7.5860



183.9300, -14.2625, -45.5426



172.7130, 11.4805, -89.2023

Triad

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



183.9300, -14.2625, -45.5426



188.0090, 33.0266, -46.4889



193.5740, -17.0450, 53.8706

Complementary

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



183.9300, -14.2625, -45.5426



164.0700, 14.2625, 45.5426

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.



195.9000, 2.0213, 51.8307



183.9300, -14.2625, -45.5426



199.2370, 27.4912, 2.4232

Square

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



183.9300, -14.2625, -45.5426



168.7520, 42.5203, -105.0225



203.6610, 17.9151, 40.6393



196.9700, -34.4952, 50.8923

Rectangle

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



183.9300, -14.2625, -45.5426



154.7900, 34.6135, -135.7508



203.6610, 17.9151, 40.6393



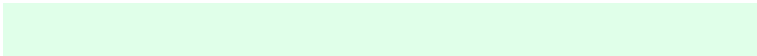
193.2950, -10.4984, 54.1153

Sweetspot

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



183.9300, -14.2625, -45.5426



243.2230, -5.0399, -16.8586



199.8460, -33.4481, -5.1269



121.1360, -3.0250, -9.7663



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.



183.9300, -14.2625, -45.5426



209.2020, -20.3126, -65.0752



188.6040, 3.6462, -49.6417



102.7990, -1.8729, -5.9627



105.7350, -28.9564, -92.7296



26.6090, -7.2022, -23.3361

Inverse Universe

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



164.0700, 14.2625, 45.5426



180.7980, 20.3126, 65.0752



159.3960, -3.6462, 49.6417



100.2010, 1.8729, 5.9627



65.2650, 28.9564, 92.7296



16.3910, 7.2022, 23.3361

Previews

White Background



This preview shows how the YUV color 183.9300, -14.2625, -45.5426 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 183.9300, -14.2625, -45.5426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

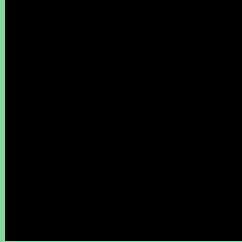
Any Text WCAG AA ✓ Pass

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 183.9300, -14.2625, -45.5426 Background



This preview shows how black text looks on a background with the YUV color 183.9300, -14.2625, -45.5426.



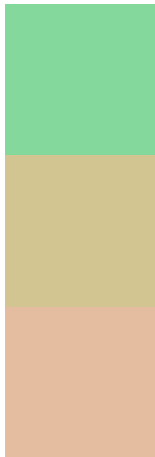
This preview shows how white text looks on a background with the YUV color 183.9300, -14.2625, -45.5426.

-45.5426.

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

183.9300, -14.2625, -45.5426

Protanopia

195.3720, -24.3404, 13.7058

Deuteranopia

197.4690, -17.9792, 26.7757



Tritanopia

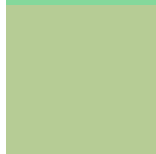
190.9980, 16.2700, -38.5862

Trichromacy



Original Color

183.9300, -14.2625, -45.5426



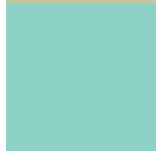
Protanomaly

191.1520, -20.7809, -8.0263



Deuteranomaly

192.6460, -16.5875, 0.3105



Tritanomaly

188.4140, 5.2189, -40.7051

Monochromacy



Original Color

183.9300, -14.2625, -45.5426



Achromatopsia

184.0000, 0.0000, 0.0000



Achromatomaly

184.1090, -5.4767, -16.7586

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.9300, -14.2625, -45.5426 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, 216, 155)` looks like.

```
.text, #text, p{  
    color:rgb(132, 216, 155)  
}
```

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, 216, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 216, 155) }
```

Border

The CSS property to change the border of an element to YUV 183.9300, -14.2625, -45.5426 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, 216, 155) }
```


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

```
.border{ border-color:rgb(132, 216, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 216, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 216, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 216, 155);  
box-shadow:4px 4px 4px 4px rgb(132, 216,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 183.9300, -14.2625, -45.5426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 216, 155) }
```

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

```
.background{ background-color: rgb(132,  
216, 155) }
```

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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