

Converting Colors

YUV(183.1840, -16.3597,
-72.9524)

Have a look what the booklet for
YUV(183.1840, -16.3597, -72.9524)
contains.

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Color

**YUV(183.1840, -16.3597,
-72.9524)**

Conversions

Conversions Part 1

Format	Color
Hex	64E896
RGB	100, 232, 150
RGB Percent	39%, 91%, 59%
CMY	0.6078, 0.0902, 0.4118
CMYK	0.57, 0.00, 0.35, 0.09
HSL	143°, 74%, 65%
HSV	143°, 57%, 91%
XYZ	39.6172, 62.6246, 38.8539
YIQ	183.1840, -52.3500, -53.4860

Conversions

Conversions Part 2

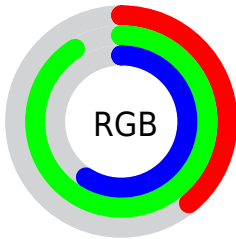
Format	Color
RYB	100, 196, 232
Decimal	6613142
CIELab	83.24, -54.28, 29.25
CIELCh	83, 61.663, 151.680
Yxy	62.6246, 0.2808, 0.4438
Android (android.graphics.Color)	4284803222 (0xFF64E896)
YUV	183.1840, -16.3597, -72.9524
Hunter-Lab	79.1357, -49.1262, 26.2849

Details

The YUV color **183.1840, -16.3597, -72.9524** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **148.8160, 16.3597, 72.9524**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.8950, -7.8362, -53.4049**, and **121.6710, -11.6698, -83.9035** is the 20% darker color. If you saturate the color by 10%, you get **174.7110, -19.0845, -85.6925**, and if you desaturate by 10%, it is **191.6570, -13.6349, -60.2122**.

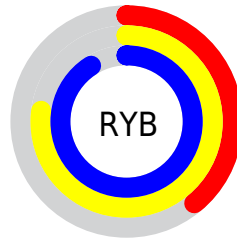
Distribution



Red (39%)

Green (91%)

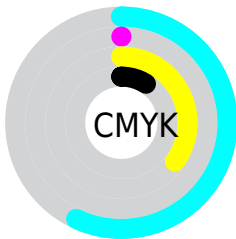
Blue (59%)



Red (39%)

Yellow (77%)

Blue (91%)

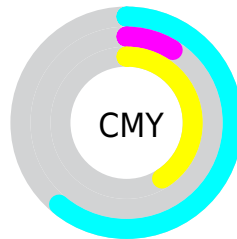


Cyan (57%)

Magenta (0%)

Yellow (35%)

Black (9%)



Cyan (61%)

Magenta (9%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.1840, -16.3597, -72.9524 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 183.1840, -16.3597, -72.9524 by changing the saturation by 10% instead.

■ 183.1840,
-16.3597, -72.9524

■ 183.1840,
-16.3597, -72.9524

■ 255.0000, 0.0000,
0.0000

■ 153.6290,
-14.6071, -75.0966

■ 220.8950, -7.8362,
-53.4049

■ 121.6710,
-11.6698, -83.9035

■ 233.0570, -0.0281,
-37.7610

■ 95.3120, -10.5068,
-83.5886

■ 244.5350, 5.1592,
-21.5172

■ 76.7270, -13.1764,
-67.2896

■ 253.5050, 0.7370,
-3.0739

■ 58.8430, -15.6986,
-51.6053

■ 41.3180, -19.3838,
-36.2359

■ 28.1760, -13.8908,

-24.7104

■ 11.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,
0.0000

■ 183.1840,
-16.3597, -72.9524

■ 183.1840,
-16.3597, -72.9524

■ 174.7110,
-19.0845, -85.6925

■ 191.6570,
-13.6349, -60.2122

■ 166.1240,
-22.2461, -98.3327


■ 200.2440,
-10.4733, -47.5720


■ 157.3520,
-24.8235, -111.6877

■ 209.0160, -7.8959,
-34.2170

■ 148.7650,
-27.9851, -124.3279

■ 217.6030, -4.7343,
-21.5768

 146.2160,
-28.7005, -128.2314

 226.0760, -2.0095,
-8.8367

 234.5490, 0.7153,
3.9035

 241.0430, 4.9088,
12.2403

 241.4990, 6.6560,
11.8404

Harmonies

Analogous

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



195.3920, -45.0563, -15.2528



183.1840, -16.3597, -72.9524



162.3580, 22.9945, -142.3880

Triad

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



183.1840, -16.3597, -72.9524



184.3110, 34.8497, -71.3097



189.6130, -19.5292, 57.3444

Complementary

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



183.1840, -16.3597, -72.9524



148.8160, 16.3597, 72.9524

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.



191.8880, 6.9572, 55.3492



183.1840, -16.3597, -72.9524



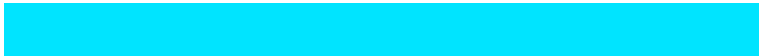
205.4720, 24.4173, 8.3561

Square

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



183.1840, -16.3597, -72.9524



162.9060, 45.4023, -142.8686



204.5180, 24.8876, 44.2727



196.2230, -44.9729, 51.5474

Rectangle

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



183.1840, -16.3597, -72.9524



166.8040, 40.0296, -146.2871



204.5180, 24.8876, 44.2727



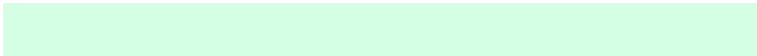
189.3170, -10.5093, 57.6040

Sweetspot

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



183.1840, -16.3597, -72.9524



239.0650, -5.4550, -23.7360



202.6000, -50.5818, -16.3122



118.4020, -3.1562, -14.3846



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.



183.1840, -16.3597, -72.9524



190.9610, -21.6728, -95.5588



190.4800, 11.5954, -79.3510



110.6140, -1.2887, -6.6775



112.8250, -22.0987, -98.9475



32.1030, -6.4598, -28.1543

Inverse Universe

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



148.8160, 16.3597, 72.9524



145.9250, 21.2360, 95.6588



141.5200, -11.5954, 79.3510



107.3860, 1.2887, 6.6775



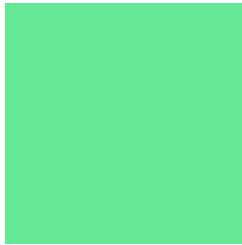
66.1750, 22.0987, 98.9475



18.8970, 6.4598, 28.1543

Previews

White Background



This preview shows how the YUV color 183.1840, -16.3597, -72.9524 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 183.1840, -16.3597, -72.9524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

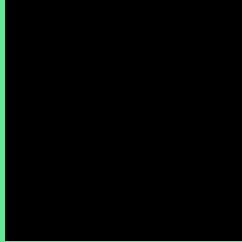
Any Text WCAG AA ✓ Pass

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 183.1840, -16.3597, -72.9524 Background



This preview shows how black text looks on a background with the YUV color 183.1840, -16.3597, -72.9524.



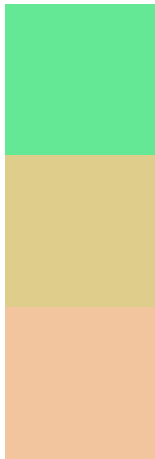
This preview shows how white text looks on a background with the YUV color 183.1840, -16.3597, -72.9524.

-72.9524.

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

183.1840, -16.3597, -72.9524

Protanopia

203.4450, -31.7714, 17.1497

Deuteranopia

206.0090, -23.6684, 31.5641



Tritanopia

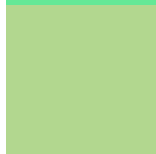
194.3480, 22.0134, -60.8182

Trichromacy



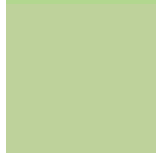
Original Color

183.1840, -16.3597, -72.9524



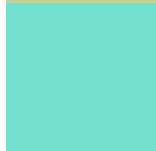
Protanomaly

195.7290, -25.9954, -15.5483



Deuteranomaly

197.7500, -21.0757, -6.7968



Tritanomaly

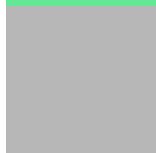
190.3570, 8.2050, -65.2111

Monochromacy



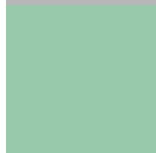
Original Color

183.1840, -16.3597, -72.9524



Achromatopsia

183.0000, 0.0000, 0.0000



Achromatomaly

183.2280, -6.0284, -26.5100

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.1840, -16.3597, -72.9524 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(100, 232, 150)` looks like.

```
.text, #text, p{  
    color:rgb(100, 232, 150)  
}
```

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(100, 232, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 232, 150) }
```

Border

The CSS property to change the border of an element to YUV 183.1840, -16.3597, -72.9524 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(100, 232, 150) }
```


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

```
.border{ border-color:rgb(100, 232, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 232, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 232, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 232, 150);  
box-shadow:4px 4px 4px 4px rgb(100, 232,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 183.1840, -16.3597, -72.9524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 232, 150) }
```

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

```
.background{ background-color: rgb(100,  
232, 150) }
```

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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