

Converting Colors

YUV(165.1740, -14.3828,
-53.6496)

Have a look what the booklet for
YUV(165.1740, -14.3828, -53.6496)
contains.

YUV(165.1740, -14.3828, -53.6496)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(165.1740, -14.3828,
-53.6496)**

Conversions

Conversions Part 1

Format	Color
Hex	68CA88
RGB	104, 202, 136
RGB Percent	41%, 79%, 53%
CMY	0.5922, 0.2078, 0.4667
CMYK	0.49, 0.00, 0.33, 0.21
HSL	140°, 48%, 60%
HSV	140°, 49%, 79%
XYZ	31.2734, 46.9617, 30.7088
YIQ	165.1740, -37.2220, -41.3020

Conversions

Conversions Part 2

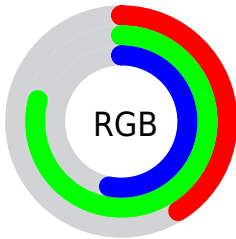
Format	Color
RYB	104, 178, 202
Decimal	6867592
CIELab	74.17, -43.46, 24.30
CIELCh	74, 49.792, 150.791
Yxy	46.9617, 0.2871, 0.4311
Android (android.graphics.Color)	4285057672 (0xFF68CA88)
YUV	165.1740, -14.3828, -53.6496
Hunter-Lab	68.5286, -38.4656, 21.4012

Details

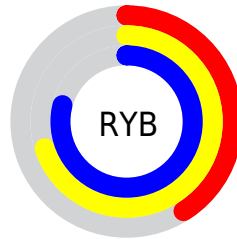
The YUV color **165.1740, -14.3828, -53.6496** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **140.8260, 14.3828, 53.6496**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1850, -14.3882, -51.9052**, and **109.5480, -11.6092, -56.6086** is the 20% darker color. If you saturate the color by 10%, you get **157.5980, -17.5498, -64.5454**, and if you desaturate by 10%, it is **172.7500, -11.2157, -42.7537**.

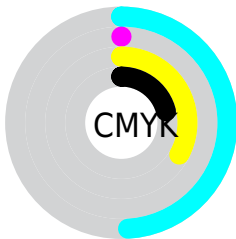
Distribution



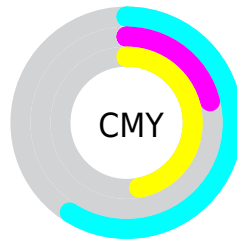
- Red (41%)
- Green (79%)
- Blue (53%)



- Red (41%)
- Yellow (70%)
- Blue (79%)



- Cyan (49%)
- Magenta (0%)
- Yellow (33%)
- Black (21%)



- Cyan (59%)
- Magenta (21%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.1740, -14.3828, -53.6496 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 165.1740, -14.3828, -53.6496 by changing the saturation by 10% instead.

■ 165.1740,
-14.3828, -53.6496

■ 165.1740,
-14.3828, -53.6496

255.0000, 0.0000,
0.0000

■ 137.4020,
-13.5092, -53.8496

■ 219.1850,
-14.3882, -51.9052

■ 109.5480,
-11.6092, -56.6086

■ 231.0480, -6.4327,
-36.8761

■ 78.0950, -7.9348,
-68.4893

■ 242.9110, 1.5229,
-21.8469

■ 60.2110, -10.4570,
-52.8050

■ 252.9070, 1.0318,
-4.3034

■ 43.6150, -13.1212,
-38.2504

■ 27.5890, -13.6014,
-24.1956

■ 13.5010, -6.6560,

-11.8404

■ 0.0000, 0.0000,
0.0000

■ 165.1740,
-14.3828, -53.6496

■ 165.1740,
-14.3828, -53.6496

■ 157.5980,
-17.5498, -64.5454

■ 172.7500,
-11.2157, -42.7537

■ 150.1360,
-20.2800, -75.5413

■ 180.2120, -8.4855,
-31.7579

■ 142.2610,
-23.2997, -87.0519

■ 188.0870, -5.4659,
-20.2473

■ 134.7990,
-26.0299, -98.0477

■ 195.5490, -2.7357,
-9.2515

■ 127.2230,
-29.1969, -108.9436

■ 203.1250, 0.4314,
1.6444

■ 126.0980,
-29.6283, -110.5879

■ 210.7010, 3.5984,
12.5402

■ 218.1630, 6.3286,
23.5360

■ 222.7490, 10.9697,
28.2841

■ 223.8890, 15.3377,
27.2843

Harmonies

Analogous

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



173.2430, -35.6158, -9.8601



165.1740, -14.3828, -53.6496



141.6700, 19.8827, -124.2446

Triad

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



165.1740, -14.3828, -53.6496



170.5330, 41.6422, -56.5954



179.4400, -20.4299, 66.2661

Complementary

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



165.1740, -14.3828, -53.6496



140.8260, 14.3828, 53.6496

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.



181.6350, 0.6729, 64.3411



165.1740, -14.3828, -53.6496



184.7730, 34.6219, 1.9531

Square

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



165.1740, -14.3828, -53.6496



145.8830, 53.7947, -127.9394



187.5630, 19.9354, 45.9872



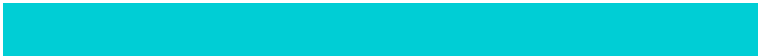
181.5640, -38.7321, 56.5104

Rectangle

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



165.1740, -14.3828, -53.6496



145.2040, 33.4234, -127.3439



187.5630, 19.9354, 45.9872



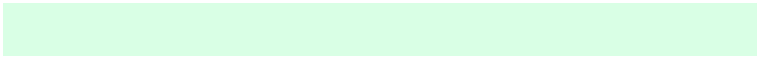
179.2750, -13.4466, 66.4108

Sweetspot

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



165.1740, -14.3828, -53.6496



240.6740, -5.7553, -20.7621



181.5590, -38.2366, -9.2602



119.2990, -3.5984, -12.5402



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.



165.1740, -14.3828, -53.6496



199.3480, -21.8636, -80.9892



170.6460, 6.5835, -58.4485



98.2120, -1.5835, -5.4479



103.5980, -24.4518, -90.8554



23.6740, -5.7553, -20.7621

Inverse Universe

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



140.8260, 14.3828, 53.6496



162.6520, 21.8636, 80.9892



135.3540, -6.5835, 58.4485



95.7880, 1.5835, 5.4479



62.4020, 24.4518, 90.8554



14.3260, 5.7553, 20.7621

Previews

White Background



This preview shows how the YUV color 165.1740, -14.3828, -53.6496 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 165.1740, -14.3828, -53.6496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

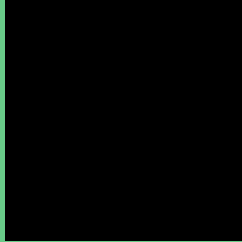
Any Text WCAG AA ✓ Pass

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 165.1740, -14.3828, -53.6496 Background



This preview shows how black text looks on a background with the YUV color 165.1740, -14.3828, -53.6496.



This preview shows how white text looks on a background with the YUV color 165.1740, -14.3828, -53.6496.

-53.6496.

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

165.1740, -14.3828, -53.6496

Protanopia

179.3290, -25.7982, 14.6205

Deuteranopia

181.7140, -19.5790, 26.5608



Tritanopia

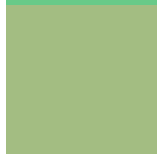
173.4810, 17.0179, -45.1488

Trichromacy



Original Color

165.1740, -14.3828, -53.6496



Protanomaly

174.5000, -21.9385, -10.0855



Deuteranomaly

175.6950, -17.5976, -2.3635



Tritanomaly

170.1850, 5.8248, -48.3972

Monochromacy



Original Color

165.1740, -14.3828, -53.6496



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

164.7990, -5.3239, -19.1177

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.1740, -14.3828, -53.6496 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(104, 202, 136)` looks like.

```
.text, #text, p{  
    color:rgb(104, 202, 136)  
}
```

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(104, 202, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 202, 136) }
```

Border

The CSS property to change the border of an element to YUV 165.1740, -14.3828, -53.6496 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(104, 202, 136) }
```


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

```
.border{ border-color:rgb(104, 202, 136) }
```

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

Here you see how a box with a 4 pixel rgb(104, 202, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 202, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 202, 136);  
box-shadow:4px 4px 4px 4px rgb(104, 202,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 165.1740, -14.3828, -53.6496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 202, 136) }
```

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

```
.background{ background-color: rgb(104,  
202, 136) }
```

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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