

Converting Colors

YUV(164.4360, -18.4559,
-53.8794)

Have a look what the booklet for
YUV(164.4360, -18.4559, -53.8794)
contains.

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Color

**YUV(164.4360, -18.4559,
-53.8794)**

Conversions

Conversions Part 1

Format	Color
Hex	67CB7F
RGB	103, 203, 127
RGB Percent	40%, 80%, 50%
CMY	0.5961, 0.2039, 0.5020
CMYK	0.49, 0.00, 0.37, 0.20
HSL	134°, 49%, 60%
HSV	134°, 49%, 80%
XYZ	30.7802, 47.1277, 27.5530
YIQ	164.4360, -35.2040, -44.8360

Conversions

Conversions Part 2

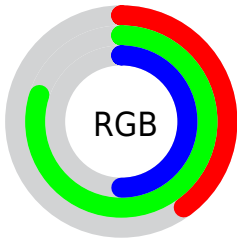
Format	Color
RYB	103, 184, 203
Decimal	6802303
CIELab	74.27, -45.74, 29.14
CIELCh	74, 54.234, 147.503
Yxy	47.1277, 0.2919, 0.4469
Android (android.graphics.Color)	4284992383 (0xFF67CB7F)
YUV	164.4360, -18.4559, -53.8794
Hunter-Lab	68.6496, -40.1034, 24.2584

Details

The YUV color **164.4360, -18.4559, -53.8794** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **141.5640, 18.4559, 53.8794**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.0450, -18.7562, -50.9055**, and **108.5110, -15.5349, -57.4531** is the 20% darker color. If you saturate the color by 10%, you get **156.7460, -22.0598, -64.6752**, and if you desaturate by 10%, it is **172.1260, -14.8521, -43.0835**.

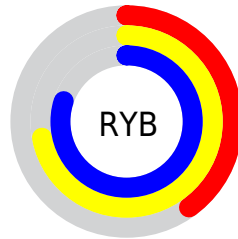
Distribution



Red (40%)

Green (80%)

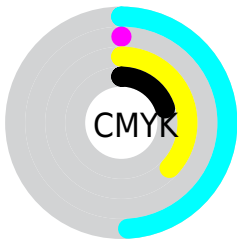
Blue (50%)



Red (40%)

Yellow (72%)

Blue (80%)

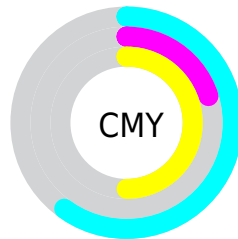


Cyan (49%)

Magenta (0%)

Yellow (37%)

Black (20%)



Cyan (60%)

Magenta (20%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.4360, -18.4559, -53.8794 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 164.4360, -18.4559, -53.8794 by changing the saturation by 10% instead.

■ 164.4360,
-18.4559, -53.8794

■ 164.4360,
-18.4559, -53.8794

■ 255.0000, 0.0000,
0.0000

■ 136.4790,
-16.9981, -54.7941

■ 218.0450,
-18.7562, -50.9055

■ 108.5110,
-15.5349, -57.4531

■ 229.6090,
-10.6532, -36.4911

■ 77.6560, -12.1554,
-68.1043

■ 241.5860, -2.2609,
-21.5619

■ 59.7720, -14.6776,
-52.4200

■ 252.6080, 1.1793,
-4.9182

■ 42.3610, -17.9260,
-37.1506

■ 28.1760, -13.8908,
-24.7104

■ 14.0880, -6.9454,

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 164.4360,
-18.4559, -53.8794

■ 164.4360,
-18.4559, -53.8794

■ 156.7460,
-22.0598, -64.6752

■ 172.1260,
-14.8521, -43.0835

■ 148.6430,
-25.9530, -75.9859

■ 180.2290,
-10.9589, -31.7728

■ 140.9530,
-29.5568, -86.7818

■ 187.9190, -7.3551,
-20.9770


■ 133.1490,
-33.5975, -97.4777


■ 195.7230, -3.3144,
-10.2811


■ 125.4590,
-37.2013, -108.2735


■ 203.7120, 0.1420,
1.1296

 124.7470,
-37.3433, -109.4031

 211.5160, 4.1826,
11.8255

 219.2060, 7.7864,
22.6213

 223.9060, 12.8643,
27.2694

 224.4760, 15.0483,
26.7695

Harmonies

Analogous

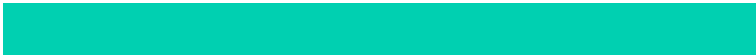
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



173.1850, -41.0102, -6.3012



164.4360, -18.4559, -53.8794



142.2740, 17.1199, -124.7743

Triad

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



164.4360, -18.4559, -53.8794



163.0360, 45.3383, -75.4536



176.6190, -18.5462, 68.7401

Complementary

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



164.4360, -18.4559, -53.8794



141.5640, 18.4559, 53.8794

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.



180.5580, 4.1619, 65.2856



164.4360, -18.4559, -53.8794



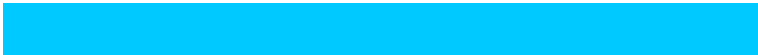
182.9680, 35.5118, -3.4799

Square

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



164.4360, -18.4559, -53.8794



147.0570, 53.2159, -128.9690



188.0020, 24.1560, 45.6022



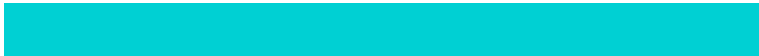
181.1520, -40.5009, 63.8877

Rectangle

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



164.4360, -18.4559, -53.8794



146.1500, 31.9711, -128.1735



188.0020, 24.1560, 45.6022



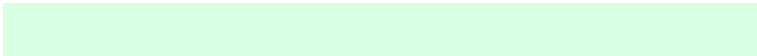
176.6820, -10.6892, 68.6849

Sweetspot

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



164.4360, -18.4559, -53.8794



240.3320, -7.0657, -20.4622



184.7230, -40.2894, -4.1421



119.0710, -4.4720, -12.3403



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.



164.4360, -18.4559, -53.8794



197.1540, -27.6839, -80.8191



170.0220, 2.9472, -58.7783



98.0980, -2.0203, -5.3479



102.0020, -30.5670, -89.4558



23.3320, -7.0657, -20.4622

Inverse Universe

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



141.5640, 18.4559, 53.8794



162.8460, 27.6839, 80.8191



135.9780, -2.9472, 58.7783



95.9020, 2.0203, 5.3479



63.9980, 30.5670, 89.4558



14.6680, 7.0657, 20.4622

Previews

White Background



This preview shows how the YUV color 164.4360, -18.4559, -53.8794 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 164.4360, -18.4559, -53.8794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

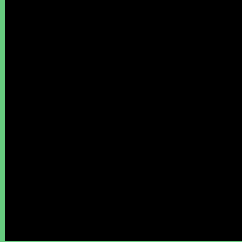
Any Text WCAG AA ✓ Pass

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 164.4360, -18.4559, -53.8794 Background



This preview shows how black text looks on a background with the YUV color 164.4360, -18.4559, -53.8794.



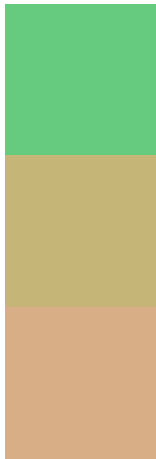
This preview shows how white text looks on a background with the YUV color 164.4360, -18.4559, -53.8794.

-53.8794.

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

164.4360, -18.4559, -53.8794

Protanopia

178.6020, -29.8768, 16.1350

Deuteranopia

181.6990, -23.5156, 29.2050



Tritanopia

173.5950, 17.4547, -45.2488

Trichromacy



Original Color

164.4360, -18.4559, -53.8794



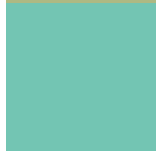
Protanomaly

173.4740, -25.8697, -9.1857



Deuteranomaly

175.5550, -21.9656, -1.3637



Tritanomaly

170.4300, 4.2250, -48.6121

Monochromacy



Original Color

164.4360, -18.4559, -53.8794



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

164.1580, -6.4869, -19.4326

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.4360, -18.4559, -53.8794 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(103, 203, 127)` looks like.

```
.text, #text, p{  
    color:rgb(103, 203, 127)  
}
```

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(103, 203, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 203, 127) }
```

Border

The CSS property to change the border of an element to YUV 164.4360, -18.4559, -53.8794 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(103, 203, 127) }
```


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

```
.border{ border-color:rgb(103, 203, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 203, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(103, 203, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(103, 203, 127); box-shadow:4px 4px 4px 4px rgb(103, 203, 127) }
```

Background

The CSS property to change the background color of an element to YUV 164.4360, -18.4559, -53.8794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 203, 127) }
```

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

```
.background{ background-color: rgb(103,  
203, 127) }
```

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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