

Converting Colors

YUV(144.6150, 0.1898,
-61.0524)

Have a look what the booklet for
YUV(144.6150, 0.1898, -61.0524)
contains.

YUV(144.6150, 0.1898, -61.0524)	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(144.6150, 0.1898,
-61.0524)**

Conversions

Conversions Part 1

Format	Color
Hex	4BB491
RGB	75, 180, 145
RGB Percent	29%, 71%, 57%
CMY	0.7059, 0.2941, 0.4314
CMYK	0.58, 0.00, 0.19, 0.29
HSL	160°, 41%, 50%
HSV	160°, 58%, 71%
XYZ	24.3337, 36.1827, 32.4895
YIQ	144.6150, -51.3450, -33.1450

Conversions

Conversions Part 2

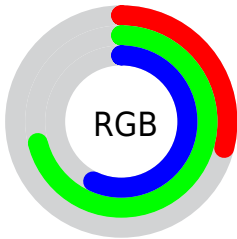
Format	Color
RYB	75, 138, 180
Decimal	4961425
CIELab	66.66, -38.80, 8.87
CIELCh	67, 39.803, 167.124
Yxy	36.1827, 0.2616, 0.3890
Android (android.graphics.Color)	4283151505 (0xFF4BB491)
YUV	144.6150, 0.1898, -61.0524
Hunter-Lab	60.1521, -33.0562, 10.0826

Details

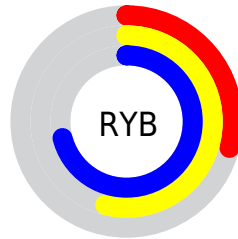
The YUV color **144.6150, 0.1898, -61.0524** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **110.3850, -0.1898, 61.0524**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.9850, -0.9786, -59.6228**, and **84.7920, 5.0325, -74.3626** is the 20% darker color. If you saturate the color by 10%, you get **138.5490, 0.2223, -71.5185**, and if you desaturate by 10%, it is **150.6810, 0.1573, -50.5862**.

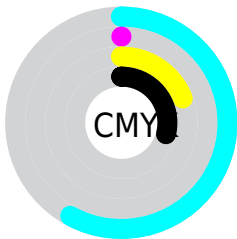
Distribution



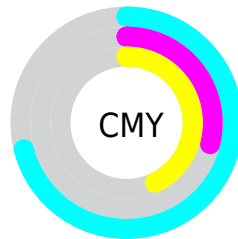
- Red (29%)
- Green (71%)
- Blue (57%)



- Red (29%)
- Yellow (54%)
- Blue (71%)



- Cyan (58%)
- Magenta (0%)
- Yellow (19%)
- Black (29%)





- Cyan (71%)
- Magenta (29%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.6150, 0.1898, -61.0524 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 144.6150, 0.1898, -61.0524 by changing the saturation by 10% instead.


 144.6150, 0.1898,
-61.0524


 144.6150, 0.1898,
-61.0524


255.0000, 0.0000,
0.0000

 116.2340, 1.3636,
-64.2262


 200.9850, -0.9786,
-59.6228


 84.7920, 5.0325,
-74.3626


 223.7020, 1.6259,
-54.9897


 67.3810, 1.7842,
-59.0931


 235.5650, 9.5815,
-39.9605

 50.0840, -1.0274,
-43.9237

 244.2360, 5.3067,
-22.1320

 33.6020, -3.2548,
-29.4690

 253.2060, 0.8844,
-3.6887

 18.3110, -8.5343,
-16.0587

 0.0000, 0.0000,

0.0000

■ 144.6150, 0.1898,
-61.0524

■ 144.6150, 0.1898,
-61.0524

■ 138.5490, 0.2223,
-71.5185

■ 150.6810, 0.1573,
-50.5862

■ 132.4830, 0.2549,
-81.9846

■ 156.7470, 0.1247,
-40.1201

■ 126.4170, 0.2874,
-92.4507

■ 162.8130, 0.0922,
-29.6540

■ 120.3510, 0.3200,
-102.9168

■ 168.8790, 0.0597,
-19.1879

■ 119.3400, 0.3254,
-104.6612

■ 174.9450, 0.0271,
-8.7218

■ 181.0110, -0.0054,
1.7444

■ 187.0770, -0.0380,
12.2105

■ 193.1430, -0.0705,
22.6766

■ 199.2090, -0.1030,
33.1427

Harmonies

Analogous

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



152.5690, -20.0005, -25.0550



144.6150, 0.1898, -61.0524



126.9950, 27.1175, -111.3746

Triad

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



144.6150, 0.1898, -61.0524



162.0110, 33.5186, -17.5496



162.3860, -25.3333, 52.2815

Complementary

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



144.6150, 0.1898, -61.0524



110.3850, -0.1898, 61.0524

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.



164.0290, -10.3673, 58.7336



144.6150, 0.1898, -61.0524



166.2780, 22.0479, 21.6812

Square

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



144.6150, 0.1898, -61.0524



148.8480, 40.5009, -63.8877



166.0290, 6.3947, 49.0866



160.6750, -33.8568, 32.7340

Rectangle

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



144.6150, 0.1898, -61.0524



128.3290, 37.3058, -112.5445



166.0290, 6.3947, 49.0866



163.2600, -20.8342, 55.9000

Sweetspot

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



144.6150, 0.1898, -61.0524



220.5470, 0.2233, -25.0357



147.1000, -35.5453, -32.5367



108.3140, 0.3382, -15.1844



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



144.6150, 0.1898, -61.0524



179.3950, 0.2983, -95.9394



138.0390, 20.6868, -55.2852



85.9670, 0.0163, -5.2331



101.4390, 0.2766, -88.9620



17.2000, -0.0986, -15.0844

Inverse Universe

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



110.3850, -0.1898, 61.0524



125.6050, -0.2983, 95.9394



116.9610, -20.6868, 55.2852



83.0330, -0.0163, 5.2331



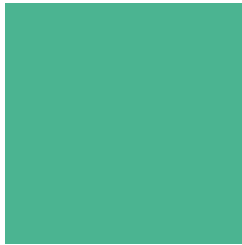
51.5610, -0.2766, 88.9620



8.8000, 0.0986, 15.0844

Previews

White Background



This preview shows how the YUV color 144.6150, 0.1898, -61.0524 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 144.6150, 0.1898, -61.0524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

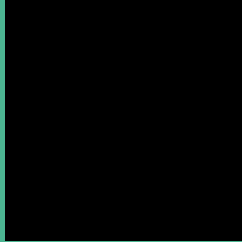
Any Text WCAG AA ✓ Pass

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 144.6150, 0.1898, -61.0524 Background



This preview shows how black text looks on a background with the YUV color 144.6150, 0.1898, -61.0524.



This preview shows how white text looks on a background with the YUV color 144.6150, 0.1898,

-61.0524.

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

144.6150, 0.1898, -61.0524

Protanopia

160.7270, -12.6834, 8.1324

Deuteranopia

162.2040, -6.0166, 16.4841



Tritanopia

150.4800, 18.4974, -53.0410

Trichromacy



Original Color

144.6150, 0.1898, -61.0524

Protanomaly

154.8270, -7.8027, -17.3883

Deuteranomaly

155.5980, -3.7458, -11.9254

Tritanomaly

148.3350, 11.6668, -55.5448

Monochromacy



Original Color

144.6150, 0.1898, -61.0524

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.1560, -0.0769, -22.0618

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.6150, 0.1898, -61.0524 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(75, 180, 145)` looks like.

```
.text, #text, p{  
    color:rgb(75, 180, 145)  
}
```

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(75, 180, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 180, 145) }
```

Border

The CSS property to change the border of an element to YUV 144.6150, 0.1898, -61.0524 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(75, 180, 145) }
```


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

```
.border{ border-color:rgb(75, 180, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 180, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 180, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 180, 145);  
box-shadow:4px 4px 4px 4px rgb(75, 180,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 144.6150, 0.1898, -61.0524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 180, 145) }
```

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

```
.background{ background-color: rgb(75, 180,  
145) }
```

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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