

Converting Colors

YUV(176.2200, -4.0525,
-53.6899)

Have a look what the booklet for
YUV(176.2200, -4.0525, -53.6899)
contains.

YUV(176.2200, -4.0525, -53.6899)	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(176.2200, -4.0525,
-53.6899)**

Conversions

Conversions Part 1

Format	Color
Hex	73D1A8
RGB	115, 209, 168
RGB Percent	45%, 82%, 66%
CMY	0.5490, 0.1804, 0.3412
CMYK	0.45, 0.00, 0.20, 0.18
HSL	154°, 51%, 64%
HSV	154°, 45%, 82%
XYZ	36.9386, 52.0729, 45.1500
YIQ	176.2200, -42.8630, -32.6790

Conversions

Conversions Part 2

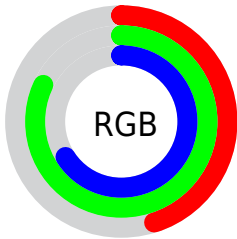
Format	Color
RYB	115, 175, 209
Decimal	7590312
CIELab	77.32, -37.38, 11.76
CIELCh	77, 39.187, 162.531
Yxy	52.0729, 0.2753, 0.3881
Android (android.graphics.Color)	4285780392 (0xFF73D1A8)
YUV	176.2200, -4.0525, -53.6899
Hunter-Lab	72.1616, -34.9109, 13.4166

Details

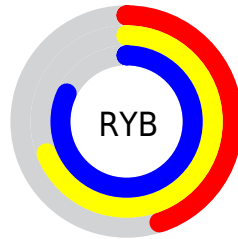
The YUV color **176.2200, -4.0525, -53.6899** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **147.7800, 4.0525, 53.6899**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.2360, -1.5953, -48.4420**, and **120.9640, -2.4473, -55.2194** is the 20% darker color. If you saturate the color by 10%, you get **168.9150, -4.8881, -65.7005**, and if you desaturate by 10%, it is **183.5250, -3.2168, -41.6794**.

Distribution



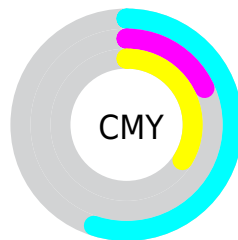
- Red (45%)
- Green (82%)
- Blue (66%)



- Red (45%)
- Yellow (69%)
- Blue (82%)



- Cyan (45%)
- Magenta (0%)
- Yellow (20%)
- Black (18%)



- Cyan (55%)
- Magenta (18%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.2200, -4.0525, -53.6899 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 176.2200, -4.0525, -53.6899 by changing the saturation by 10% instead.

■ 176.2200, -4.0525,
-53.6899

■ 176.2200, -4.0525,
-53.6899

255.0000, 0.0000,
0.0000

■ 148.4480, -3.1789,
-53.8899

■ 226.2360, -1.5953,
-48.4420

■ 120.9640, -2.4473,
-55.2194

■ 238.2130, 6.7970,
-33.5128

■ 92.6860, -0.8312,
-60.2376

■ 247.2260, 3.8326,
-15.9842

■ 67.6260, 0.1844,
-59.3080

■ 50.3290, -2.6272,
-44.1385

■ 33.8470, -4.8546,
-29.6838

■ 19.3710, -9.5499,

-16.9884

■ 0.0000, 0.0000,
0.0000

■ 176.2200, -4.0525,
-53.6899

■ 176.2200, -4.0525,
-53.6899

■ 168.9150, -4.8881,
-65.7005

■ 183.5250, -3.2168,
-41.6794

■ 161.6100, -5.7237,
-77.7110

■ 190.8300, -2.3812,
-29.6689

■ 154.3050, -6.5594,
-89.7215


■ 198.1350, -1.5456,
-17.6584

■ 147.0000, -7.3950,
-101.7320

■ 205.4400, -0.7099,
-5.6479

■ 139.5810, -8.6674,
-113.6425


■ 212.8590, 0.5625,
6.2627

 136.1350, -8.9406,
-119.3904

 219.8650, 1.5456,
17.6584

 225.3760, 3.2656,
25.9802

 226.4020, 7.1968,
25.0804

 227.4280, 11.1280,
24.1806

Harmonies

Analogous

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



182.5050, -22.9270, -19.7369



176.2200, -4.0525, -53.6899



167.5590, 18.4584, -87.3132

Triad

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



176.2200, -4.0525, -53.6899



189.0490, 32.5138, -21.9680



192.4510, -23.8863, 54.8555

Complementary

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



176.2200, -4.0525, -53.6899



147.7800, 4.0525, 53.6899

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.



192.1040, -7.4463, 55.1598



176.2200, -4.0525, -53.6899



195.5270, 24.3902, 17.0778

Square

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



176.2200, -4.0525, -53.6899



178.1530, 37.8856, -65.0322



196.2890, 8.7315, 46.2275



190.1210, -33.5837, 38.4819

Rectangle

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



176.2200, -4.0525, -53.6899



163.4400, 32.3211, -100.3639



196.2890, 8.7315, 46.2275



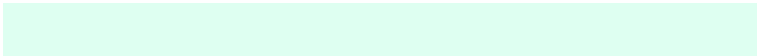
191.8300, -18.6502, 55.4001

Sweetspot

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



176.2200, -4.0525, -53.6899



243.5370, -1.2507, -18.8879



182.7360, -33.3938, -22.5705



120.6950, -0.8356, -12.0105



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.



176.2200, -4.0525, -53.6899



206.8980, -5.8657, -78.8405



177.9590, 15.3032, -55.2150



101.1410, -0.5625, -6.2627



109.4460, -7.1219, -95.9841



26.6890, -1.8187, -23.4063

Inverse Universe

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



147.7800, 4.0525, 53.6899



165.1020, 5.8657, 78.8405



146.0410, -15.3032, 55.2150



97.8590, 0.5625, 6.2627



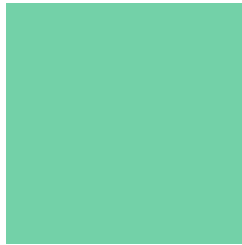
58.5540, 7.1219, 95.9841



14.3110, 1.8187, 23.4063

Previews

White Background



This preview shows how the YUV color 176.2200, -4.0525, -53.6899 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 176.2200, -4.0525, -53.6899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

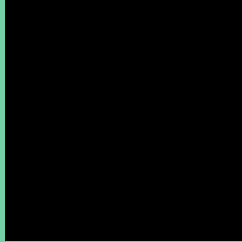
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 176.2200, -4.0525, -53.6899

Background



This preview shows how black text looks on a background with the YUV color 176.2200, -4.0525, -53.6899.



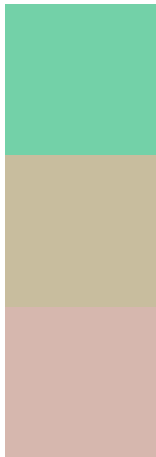
This preview shows how white text looks on a background with the YUV color 176.2200, -4.0525, -53.6899.

-53.6899.

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

176.2200, -4.0525, -53.6899

Protanopia

188.7550, -15.1622, 9.8619

Deuteranopia

191.2430, -8.5008, 19.9579



Tritanopia

181.6980, 17.8969, -47.0931

Trichromacy



Original Color

176.2200, -4.0525, -53.6899



Protanomaly

184.0510, -10.8711, -13.1997



Deuteranomaly

185.5340, -6.6723, -6.6073



Tritanomaly

179.9120, 9.9034, -49.9118

Monochromacy



Original Color

176.2200, -4.0525, -53.6899



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

176.1240, -1.5401, -19.4027

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.2200, -4.0525, -53.6899 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(115, 209, 168)` looks like.

```
.text, #text, p{  
    color:rgb(115, 209, 168)  
}
```

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(115, 209, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 209, 168) }
```

Border

The CSS property to change the border of an element to YUV 176.2200, -4.0525, -53.6899 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(115, 209, 168) }
```


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

```
.border{ border-color:rgb(115, 209, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 209, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 209, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 209, 168); box-shadow:4px 4px 4px 4px rgb(115, 209, 168) }
```

Background

The CSS property to change the background color of an element to YUV 176.2200, -4.0525, -53.6899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 209, 168) }
```

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

```
.background{ background-color: rgb(115,  
209, 168) }
```

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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