

Converting Colors

YUV(166.4090, 19.5184,
-53.8557)

Have a look what the booklet for
YUV(166.4090, 19.5184, -53.8557)
contains.

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Color

**YUV(166.4090, 19.5184,
-53.8557)**

Conversions

Conversions Part 1

Format	Color
Hex	69BECE
RGB	105, 190, 206
RGB Percent	41%, 75%, 81%
CMY	0.5882, 0.2549, 0.1922
CMYK	0.49, 0.08, 0.00, 0.19
HSL	190°, 51%, 61%
HSV	190°, 49%, 81%
XYZ	35.3797, 44.2864, 65.0759
YIQ	166.4090, -55.7960, -13.0440

Conversions

Conversions Part 2

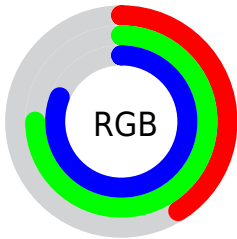
Format	Color
RYB	105, 151, 206
Decimal	6930126
CIELab	72.42, -21.44, -16.02
CIELCh	72, 26.768, 216.761
Yxy	44.2864, 0.2444, 0.3060
Android (android.graphics.Color)	4285120206 (0xFF69BECE)
YUV	166.4090, 19.5184, -53.8557
Hunter-Lab	66.5480, -21.5609, -11.3948

Details

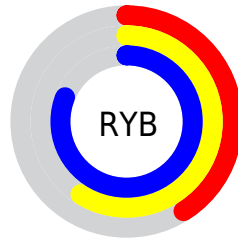
The YUV color **166.4090, 19.5184, -53.8557** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **144.5910, -19.5184, 53.8557**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.9100, 16.3134, -52.5411**, and **110.3160, 20.5502, -58.1591** is the 20% darker color. If you saturate the color by 10%, you get **158.3690, 23.4821, -65.2216**, and if you desaturate by 10%, it is **174.4490, 15.5546, -42.4898**.

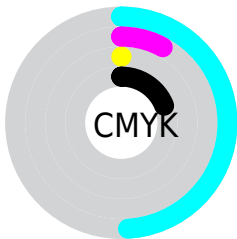
Distribution



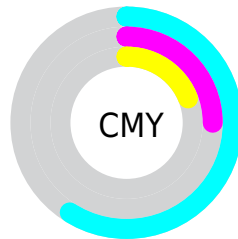
- Red (41%)
- Green (75%)
- Blue (81%)



- Red (41%)
- Yellow (59%)
- Blue (81%)



- Cyan (49%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)



- Cyan (59%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.4090, 19.5184, -53.8557 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 166.4090, 19.5184, -53.8557 by changing the saturation by 10% instead.

■ 166.4090, 19.5184,
-53.8557

■ 166.4090, 19.5184,
-53.8557

■ 255.0000, 0.0000,
0.0000

■ 138.6970, 19.3764,
-54.9853

■ 221.9100, 16.3134,
-52.5411

■ 110.3160, 20.5502,
-58.1591

■ 235.8640, 9.4340,
-39.3457

■ 79.5210, 22.9141,
-69.7399

■ 244.5350, 5.1592,
-21.5172

■ 61.9960, 19.2290,
-54.3705

■ 253.5050, 0.7370,
-3.0739

■ 45.7590, 15.4018,
-40.1306

■ 29.6360, 12.0115,
-25.9908

■ 13.7410, 9.4947,

-12.0509

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 166.4090, 19.5184,
-53.8557

■ 166.4090, 19.5184,
-53.8557

■ 158.3690, 23.4821,
-65.2216

■ 174.4490, 15.5546,
-42.4898

■ 150.0410, 27.5878,
-75.4580

■ 182.7770, 11.4489,
-32.2534

■ 142.0010, 31.5515,
-86.8239

■ 190.8170, 7.4852,
-20.8875

■ 134.2600, 35.3678,
-97.5750

■ 198.5580, 3.6689,
-10.1364

■ 126.2200, 39.3315,
-108.9409

■ 206.5980, -0.2948,
1.2296

■ 125.0350, 39.9157,
-109.6557

■ 215.2250, -4.5479,
12.0807

■ 222.9660, -8.3642,
22.8318

■ 226.5210,
-10.1169, 24.9761

■ 228.2820,
-10.9850, 23.4317

Harmonies

Analogous

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



166.3530, 7.7140, -47.6676



166.4090, 19.5184, -53.8557



170.6800, 25.3008, -41.8154

Triad

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



166.4090, 19.5184, -53.8557



181.5380, 7.6228, 28.4692



176.0020, -23.1720, 12.2762

Complementary

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



166.4090, 19.5184, -53.8557



144.5910, -19.5184, 53.8557

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.



178.3400, -22.3526, 29.5198



166.4090, 19.5184, -53.8557



181.2160, -4.0505, 39.2756

Square

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



166.4090, 19.5184, -53.8557



180.1530, 18.1656, 6.8818



179.9420, -15.2544, 39.5159



173.0640, -17.2866, -8.8261

Rectangle

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



166.4090, 19.5184, -53.8557



175.0670, 25.1100, -27.2458



179.9420, -15.2544, 39.5159



176.6330, -23.4831, 18.7389

Sweetspot

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



166.4090, 19.5184, -53.8557



240.1160, 7.3378, -20.2727



165.9970, -22.6765, -53.4944



118.7750, 4.5479, -12.0807



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.



166.4090, 19.5184, -53.8557



196.0620, 29.0564, -79.8614



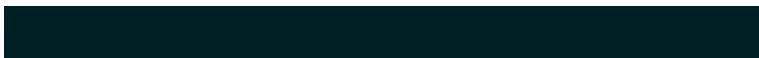
137.0590, 33.9879, -28.1157



97.8360, 2.0529, -5.1182



100.5170, 32.2831, -88.1534



23.1160, 7.3378, -20.2727

Inverse Universe

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



144.8890, 22.2397, 53.5943



164.2140, 32.9255, 79.6193



173.9410, -33.9879, 28.1157



95.9020, 2.0203, 5.3479



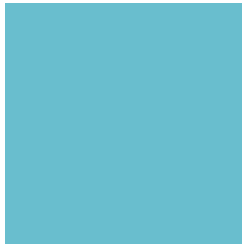
65.4800, 36.2454, 88.1560



15.0100, 8.3761, 20.1622

Previews

White Background



This preview shows how the YUV color 166.4090, 19.5184, -53.8557 looks on a white background.

Color Contrast Check

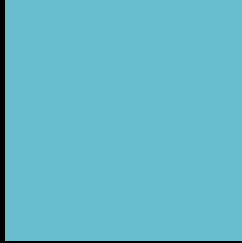
Large Text (above 18pt) WCAG AA × Fail

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 166.4090, 19.5184, -53.8557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

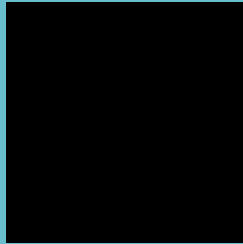
Any Text WCAG AA ✓ Pass

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 166.4090, 19.5184, -53.8557 Background



This preview shows how black text looks on a background with the YUV color 166.4090, 19.5184, -53.8557.



This preview shows how white text looks on a background with the YUV color 166.4090, 19.5184, -53.8557.

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

166.4090, 19.5184, -53.8557

Protanopia

177.2090, 9.7570, -2.8143

Deuteranopia

178.7130, 15.4245, -0.6253



Tritanopia

166.2950, 19.0816, -53.7557

Trichromacy



Original Color

166.4090, 19.5184, -53.8557

Protanomaly

173.0110, 13.3056, -21.0576

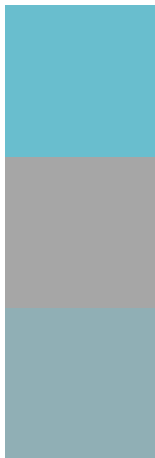
Deuteranomaly

174.0480, 17.2313, -20.2131

Tritanomaly

166.2950, 19.0816, -53.7557

Monochromacy



Original Color

166.4090, 19.5184, -53.8557

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.4150, 7.1904, -19.6580

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.4090, 19.5184, -53.8557 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(105, 190, 206)` looks like.

```
.text, #text, p{  
    color:rgb(105, 190, 206)  
}
```

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(105, 190, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 190, 206) }
```

Border

The CSS property to change the border of an element to YUV 166.4090, 19.5184, -53.8557 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

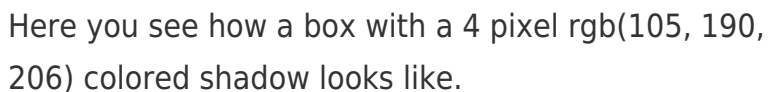
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 190, 206) }
```


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

```
.border{ border-color:rgb(105, 190, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 190, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 190, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 190, 206); box-shadow:4px 4px 4px 4px rgb(105, 190, 206) }
```

Background

The CSS property to change the background color of an element to YUV 166.4090, 19.5184, -53.8557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 190, 206) }
```

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

```
.background{ background-color: rgb(105,  
190, 206) }
```

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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