

Converting Colors

YUV(164.9250, 0.0370,
-58.6932)

Have a look what the booklet for
YUV(164.9250, 0.0370, -58.6932)
contains.

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Color

**YUV(164.9250, 0.0370,
-58.6932)**

Conversions

Conversions Part 1

Format	Color
Hex	62C7A5
RGB	98, 199, 165
RGB Percent	38%, 78%, 65%
CMY	0.6157, 0.2196, 0.3529
CMYK	0.51, 0.00, 0.17, 0.22
HSL	160°, 47%, 58%
HSV	160°, 51%, 78%
XYZ	32.2520, 46.1601, 42.8073
YIQ	164.9250, -49.2820, -31.9860

Conversions

Conversions Part 2

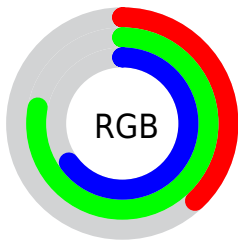
Format	Color
RYB	98, 159, 199
Decimal	6473637
CIELab	73.65, -37.67, 8.05
CIELCh	74, 38.525, 167.935
Yxy	46.1601, 0.2661, 0.3808
Android (android.graphics.Color)	4284663717 (0xFF62C7A5)
YUV	164.9250, 0.0370, -58.6932
Hunter-Lab	67.9412, -34.1626, 10.2025

Details

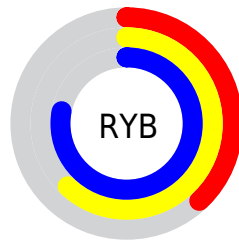
The YUV color **164.9250, 0.0370, -58.6932** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **132.0750, -0.0370, 58.6932**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.1100, -0.5472, -57.9785**, and **108.1740, 2.3792, -63.2966** is the 20% darker color. If you saturate the color by 10%, you get **158.1470, -0.0725, -70.2889**, and if you desaturate by 10%, it is **171.7030, 0.1464, -47.0975**.

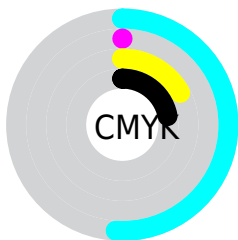
Distribution



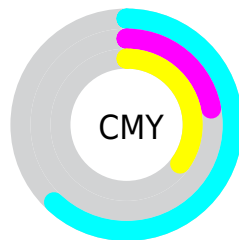
- Red (38%)
- Green (78%)
- Blue (65%)



- Red (38%)
- Yellow (62%)
- Blue (78%)



- Cyan (51%)
- Magenta (0%)
- Yellow (17%)
- Black (22%)



- Cyan (62%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.9250, 0.0370, -58.6932 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 164.9250, 0.0370, -58.6932 by changing the saturation by 10% instead.

■ 164.9250, 0.0370,
-58.6932

■ 164.9250, 0.0370,
-58.6932

255.0000, 0.0000,
0.0000

■ 136.8540, 1.0580,
-59.5080

■ 221.1100, -0.5472,
-57.9785

■ 108.1740, 2.3792,
-63.2966

■ 233.0870, 7.8451,
-43.0493

■ 79.4120, 4.7269,
-69.6443

■ 242.4420, 6.1911,
-25.8206

■ 62.0010, 1.4785,
-54.3749

■ 251.1130, 1.9163,
-7.9921

■ 45.4050, -1.1857,
-39.8202

■ 29.0370, -2.9762,
-25.4654

■ 12.3270, -6.0772,

-10.8108

■ 0.0000, 0.0000,
0.0000

■ 164.9250, 0.0370,
-58.6932

■ 164.9250, 0.0370,
-58.6932

■ 158.1470, -0.0725,
-70.2889

■ 171.7030, 0.1464,
-47.0975

■ 151.4830, 0.2549,
-81.9846

■ 178.3670, -0.1809,
-35.4019

■ 144.7050, 0.1454,
-93.5803

■ 185.1450, -0.0715,
-23.8062

■ 137.9270, 0.0360,
-105.1760

■ 191.9230, 0.0380,
-12.2105

■ 131.8610, 0.0685,
-115.6421

■ 198.5870, -0.2894,
-0.5148

■ 205.0660, -0.0325,
10.4661

■ 211.8440, 0.0769,
22.0618

■ 218.0240, 0.4812,
32.4280

■ 218.7080, 3.1020,
31.8281

Harmonies

Analogous

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



171.6830, -19.5637, -25.1550



164.9250, 0.0370, -58.6932



155.2640, 22.5478, -92.3165

Triad

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



164.9250, 0.0370, -58.6932



181.2070, 32.9289, -15.0905



181.9730, -25.6227, 51.7667

Complementary

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



164.9250, 0.0370, -58.6932



132.0750, -0.0370, 58.6932

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.



183.5020, -11.0935, 58.3187



164.9250, 0.0370, -58.6932



185.4630, 21.4637, 22.3959

Square

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



164.9250, 0.0370, -58.6932



171.0230, 38.4427, -57.0252



185.5020, 5.6685, 48.6717



179.7890, -33.4200, 32.6340

Rectangle

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



164.9250, 0.0370, -58.6932



152.7110, 34.6525, -101.4785



185.5020, 5.6685, 48.6717



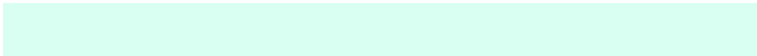
182.7330, -21.5604, 55.4852

Sweetspot

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



164.9250, 0.0370, -58.6932



242.1560, -0.0769, -22.0618



167.7520, -34.3877, -30.4775



120.2110, -0.1040, -13.3400



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.



164.9250, 0.0370, -58.6932



202.4280, 0.2820, -90.7064



159.9960, 19.2290, -54.3705



95.9670, 0.0163, -5.2331



107.9930, 0.0035, -94.7099



23.8680, 0.0651, -20.9322

Inverse Universe

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



132.0750, -0.0370, 58.6932



151.6860, 0.1548, 90.6064



137.0040, -19.2290, 54.3705



93.0330, -0.0163, 5.2331



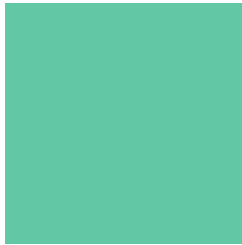
55.0070, -0.0035, 94.7099



12.1320, -0.0651, 20.9322

Previews

White Background



This preview shows how the YUV color 164.9250, 0.0370, -58.6932 looks on a white background.

Color Contrast Check

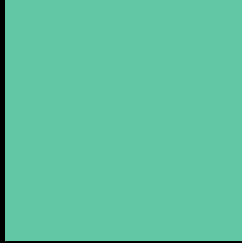
Large Text (above 18pt) WCAG AA × Fail

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 164.9250, 0.0370, -58.6932 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

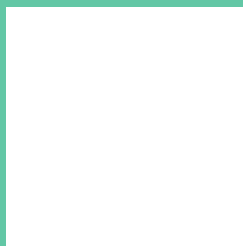
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 164.9250, 0.0370, -58.6932

Background



This preview shows how black text looks on a background with the YUV color 164.9250, 0.0370, -58.6932.



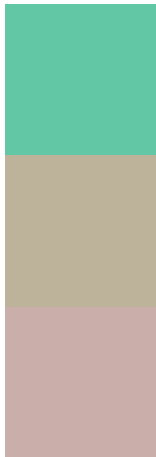
This preview shows how white text looks on a background with the YUV color 164.9250, 0.0370,

-58.6932.

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

164.9250, 0.0370, -58.6932

Protanopia

179.2540, -11.9572, 8.5472

Deuteranopia

181.6170, -5.7272, 16.9989



Tritanopia

170.3060, 19.0761, -52.0114

Trichromacy



Original Color

164.9250, 0.0370, -58.6932



Protanomaly

173.9520, -7.3713, -15.7439



Deuteranomaly

175.6090, -3.7512, -10.1811



Tritanomaly

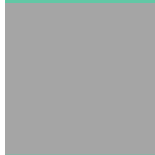
168.1610, 12.2456, -54.5152

Monochromacy



Original Color

164.9250, 0.0370, -58.6932



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

164.8680, 0.0651, -20.9322

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.9250, 0.0370, -58.6932 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(98, 199, 165)` looks like.

```
.text, #text, p{  
    color:rgb(98, 199, 165)  
}
```

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(98, 199, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 199, 165) }
```

Border

The CSS property to change the border of an element to YUV 164.9250, 0.0370, -58.6932 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(98, 199, 165) }
```


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

```
.border{ border-color:rgb(98, 199, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 199, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 199, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 199, 165);  
box-shadow:4px 4px 4px 4px rgb(98, 199,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 164.9250, 0.0370, -58.6932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 199, 165) }
```

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

```
.background{ background-color: rgb(98, 199,  
165) }
```

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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