

Converting Colors

YUV(140.8920, 3.5042,
-50.7713)

Have a look what the booklet for
YUV(140.8920, 3.5042, -50.7713)
contains.

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Color

**YUV(140.8920, 3.5042,
-50.7713)**

Conversions

Conversions Part 1

Format	Color
Hex	53A994
RGB	83, 169, 148
RGB Percent	33%, 66%, 58%
CMY	0.6745, 0.3373, 0.4196
CMYK	0.51, 0.00, 0.12, 0.34
HSL	165°, 34%, 49%
HSV	165°, 51%, 66%
XYZ	23.1005, 32.3531, 33.0442
YIQ	140.8920, -44.5150, -24.7630

Conversions

Conversions Part 2

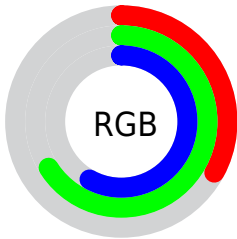
Format	Color
RYB	83, 132, 169
Decimal	5482900
CIELab	63.63, -31.22, 2.90
CIElCh	64, 31.351, 174.699
Yxy	32.3531, 0.2610, 0.3656
Android (android.graphics.Color)	4283672980 (0xFF53A994)
YUV	140.8920, 3.5042, -50.7713
Hunter-Lab	56.8797, -27.0454, 5.3714

Details

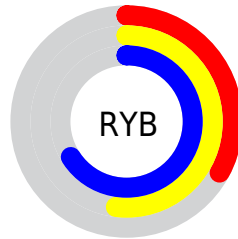
The YUV color **140.8920, 3.5042, -50.7713** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **111.1080, -3.5042, 50.7713**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.3650, 2.7781, -51.1861**, and **85.1300, 5.8519, -57.1190** is the 20% darker color. If you saturate the color by 10%, you get **135.3530, 4.2630, -60.8226**, and if you desaturate by 10%, it is **146.4310, 2.7455, -40.7200**.

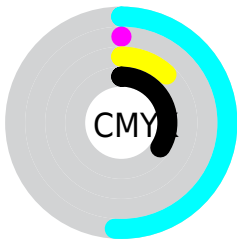
Distribution



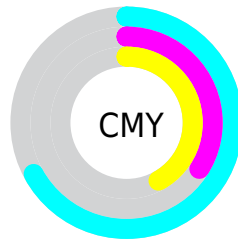
- Red (33%)
- Green (66%)
- Blue (58%)



- Red (33%)
- Yellow (52%)
- Blue (66%)



- Cyan (51%)
- Magenta (0%)
- Yellow (12%)
- Black (34%)



- Cyan (67%)
- Magenta (34%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.8920, 3.5042, -50.7713 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 140.8920, 3.5042, -50.7713 by changing the saturation by 10% instead.

■ 140.8920, 3.5042,
-50.7713

■ 140.8920, 3.5042,
-50.7713

255.0000, 0.0000,
0.0000

■ 113.7070, 4.0884,
-51.4860

■ 196.3650, 2.7781,
-51.1861

■ 85.1300, 5.8519,
-57.1190

■ 224.9520, 2.4887,
-51.7009

■ 61.8530, 5.9885,
-54.2451

■ 237.0600, 8.8444,
-36.8866

■ 45.1430, 2.8875,
-39.5904

■ 245.7310, 4.5696,
-19.0581

■ 29.2480, 0.3707,
-25.6505

254.4020, 0.2948,
-1.2296

■ 12.8970, -3.8932,
-11.3107

■ 0.0000, 0.0000,

0.0000

■ 140.8920, 3.5042,
-50.7713

■ 140.8920, 3.5042,
-50.7713

■ 135.3530, 4.2630,
-60.8226

■ 146.4310, 2.7455,
-40.7200

■ 129.8140, 5.0217,
-70.8739

■ 151.9700, 1.9868,
-30.6687

■ 124.2750, 5.7804,
-80.9252

■ 157.5090, 1.2281,
-20.6174

■ 118.6220, 6.1024,
-90.8765

■ 163.1620, 0.9061,
-10.6661

■ 113.7950, 7.0031,
-99.7982

■ 168.4020, 0.2948,
-1.2296

■ 173.9410, -0.4639,
8.8217

■ 179.4800, -1.2226,
18.8730

■ 185.0190, -1.9814,
28.9243

■ 190.5580, -2.7401,
38.9756

Harmonies

Analogous

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



146.2190, -12.4330, -25.6251



140.8920, 3.5042, -50.7713



136.3100, 19.5672, -69.5549

Triad

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



140.8920, 3.5042, -50.7713



155.9820, 24.1659, -4.3692



154.8080, -22.0903, 38.7564

Complementary

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



140.8920, 3.5042, -50.7713



111.1080, -3.5042, 50.7713

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.



156.1970, -11.9291, 46.3082



140.8920, 3.5042, -50.7713



158.2260, 14.1856, 23.4808

Square

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



140.8920, 3.5042, -50.7713



148.8640, 29.6470, -35.8377



157.6060, 1.1802, 41.5645



153.0310, -27.1303, 21.8978

Rectangle

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



140.8920, 3.5042, -50.7713



137.2590, 26.9873, -69.5101



157.6060, 1.1802, 41.5645



155.2260, -19.3384, 42.7748

Sweetspot

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



140.8920, 3.5042, -50.7713



208.2210, 1.3700, -19.4878



139.7610, -27.9832, -31.3624



103.4500, 0.7642, -11.7956



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



140.8920, 3.5042, -50.7713



175.5850, 5.6276, -78.5660



130.3720, 19.0436, -41.5452



81.3800, 0.3057, -4.7183



99.6440, 6.0915, -87.3878



13.4500, 0.7642, -11.7957

Inverse Universe

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



111.1080, -3.5042, 50.7713



129.4150, -5.6276, 78.5660



121.0410, -18.7542, 42.0600



78.6200, -0.3057, 4.7183



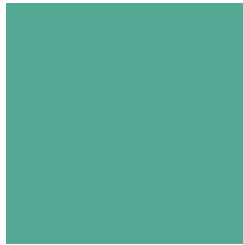
48.3560, -6.0915, 87.3878



6.5500, -0.7641, 11.7957

Previews

White Background



This preview shows how the YUV color 140.8920, 3.5042, -50.7713 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 140.8920, 3.5042, -50.7713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

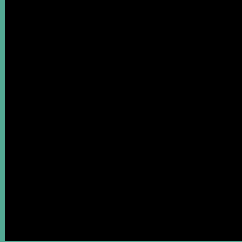
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 140.8920, 3.5042, -50.7713

Background



This preview shows how black text looks on a background with the YUV color 140.8920, 3.5042, -50.7713.

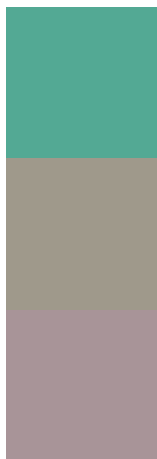


This preview shows how white text looks on a background with the YUV color 140.8920, 3.5042,

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

140.8920, 3.5042, -50.7713

Protanopia

153.1980, -6.9996, 5.0884

Deuteranopia

154.4360, -1.2009, 11.8956



Tritanopia

144.6550, 16.4391, -46.1784

Trichromacy



Original Color

140.8920, 3.5042, -50.7713

Protanomaly

148.6900, -3.2982, -15.5141

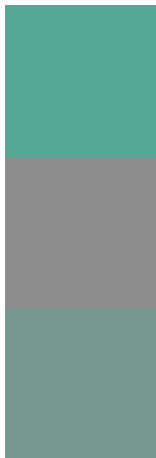
Deuteranomaly

149.7490, 0.6167, -11.1809

Tritanomaly

143.0910, 11.7871, -47.4378

Monochromacy



Original Color

140.8920, 3.5042, -50.7713

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.9330, 1.5120, -18.3582

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.8920, 3.5042, -50.7713 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(83, 169, 148)` looks like.

```
.text, #text, p{  
    color:rgb(83, 169, 148)  
}
```

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(83, 169, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 169, 148) }
```

Border

The CSS property to change the border of an element to YUV 140.8920, 3.5042, -50.7713 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(83, 169, 148) }
```


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

```
.border{ border-color:rgb(83, 169, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 169, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 169, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 169, 148);  
box-shadow:4px 4px 4px 4px rgb(83, 169,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 140.8920, 3.5042, -50.7713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 169, 148) }
```

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

```
.background{ background-color: rgb(83, 169,  
148) }
```

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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