

Converting Colors

YUV(141.5420, 11.0718,
-51.3413)

Have a look what the booklet for
YUV(141.5420, 11.0718, -51.3413)
contains.

YUV(141.5420, 11.0718, -51.3413)	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(141.5420, 11.0718,
-51.3413)**

Conversions

Conversions Part 1

Format	Color
Hex	53A7A4
RGB	83, 167, 164
RGB Percent	33%, 65%, 64%
CMY	0.6745, 0.3451, 0.3569
CMYK	0.50, 0.00, 0.02, 0.35
HSL	178°, 34%, 49%
HSV	178°, 50%, 65%
XYZ	24.0868, 32.1568, 40.0593
YIQ	141.5420, -49.1010, -18.7410

Conversions

Conversions Part 2

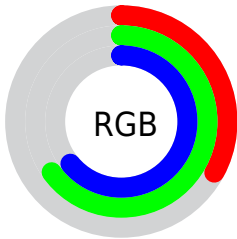
Format	Color
RYB	83, 126, 167
Decimal	5482404
CIELab	63.47, -26.14, -6.29
CIElCh	63, 26.888, 193.527
Yxy	32.1568, 0.2501, 0.3339
Android (android.graphics.Color)	4283672484 (0xFF53A7A4)
YUV	141.5420, 11.0718, -51.3413
Hunter-Lab	56.7069, -23.4175, -2.1892

Details

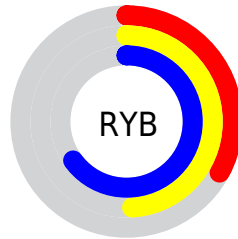
The YUV color **141.5420, 11.0718, -51.3413** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **108.4580, -11.0718, 51.3413**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.8410, 10.9244, -50.7266**, and **85.6550, 12.9881, -59.3334** is the 20% darker color. If you saturate the color by 10%, you get **136.3450, 13.1409, -61.6926**, and if you desaturate by 10%, it is **146.7390, 9.0027, -40.9901**.

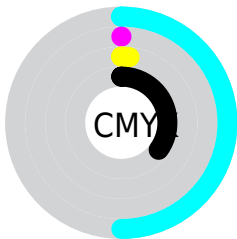
Distribution



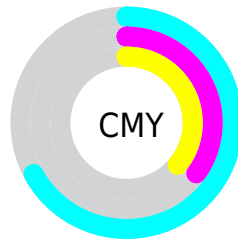
- Red (33%)
- Green (65%)
- Blue (64%)



- Red (33%)
- Yellow (49%)
- Blue (65%)



- Cyan (50%)
- Magenta (0%)
- Yellow (2%)
- Black (35%)



- Cyan (67%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.5420, 11.0718, -51.3413 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 141.5420, 11.0718, -51.3413 by changing the saturation by 10% instead.

■ 141.5420, 11.0718,
-51.3413

■ 141.5420, 11.0718,
-51.3413

■ 255.0000, 0.0000,
0.0000

■ 114.0580, 11.8034,
-52.6709

■ 196.8410, 10.9244,
-50.7266

■ 85.6550, 12.9881,
-59.3334

■ 225.4280, 10.6350,
-51.2414

■ 62.8620, 12.3930,
-55.1300

■ 237.3590, 8.6970,
-36.2718

■ 46.1520, 9.2921,
-40.4753

■ 246.0300, 4.4222,
-18.4433

■ 30.1430, 6.3385,
-26.4354

■ 254.7010, 0.1474,
-0.6148

■ 14.8350, 3.5323,
-13.0103

■ 0.0000, 0.0000,

0.0000

■ 141.5420, 11.0718,
-51.3413

■ 141.5420, 11.0718,
-51.3413

■ 136.3450, 13.1409,
-61.6926

■ 146.7390, 9.0027,
-40.9901

■ 131.5610, 15.4994,
-71.5290

■ 151.5230, 6.6442,
-31.1537

■ 126.3640, 17.5685,
-81.8802

■ 156.7200, 4.5750,
-20.8024

■ 121.2810, 20.0745,
-92.3314

■ 161.8030, 2.0691,
-10.3512

■ 116.3830, 21.9962,
-102.0679

■ 166.7010, 0.1474,
-0.6148

■ 171.8980, -1.9217,
9.7365

■ 176.9810, -4.4276,
20.1877

■ 182.1780, -6.4968,
30.5389

■ 186.9620, -8.8553,
40.3753

Harmonies

Analogous

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



144.6830, -2.8017, -34.8020



141.5420, 11.0718, -51.3413



141.9790, 21.7024, -54.3556

Triad

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



141.5420, 11.0718, -51.3413



157.2030, 15.6759, 12.1000



153.6060, -22.4838, 24.9015

Complementary

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



141.5420, 11.0718, -51.3413



108.4580, -11.0718, 51.3413

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.



155.2900, -16.4120, 37.4567



141.5420, 11.0718, -51.3413



157.2780, 5.2859, 31.3282

Square

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



141.5420, 11.0718, -51.3413



153.5850, 22.8826, -12.7910



156.6460, -6.2345, 39.7755



151.6100, -21.9927, 7.3580

Rectangle

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



141.5420, 11.0718, -51.3413



145.5440, 24.8748, -45.2041



156.6460, -6.2345, 39.7755



154.3940, -20.9002, 30.3495

Sweetspot

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



141.5420, 11.0718, -51.3413



207.0190, 4.4276, -20.1877



133.5040, -24.8985, -40.7840



103.9060, 2.5113, -12.1956



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.



141.5420, 11.0718, -51.3413



177.5600, 16.9789, -79.4211



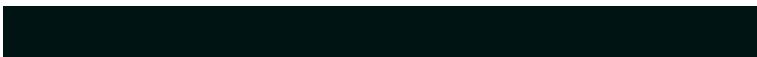
119.5780, 23.3790, -32.0789



81.6080, 1.1793, -4.9182



103.1780, 19.6322, -90.4871



14.0200, 2.9481, -12.2955

Inverse Universe

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



108.4580, -11.0718, 51.3413



126.3260, -17.4157, 79.5211



130.4220, -23.3790, 32.0789



78.3920, -1.1793, 4.9182



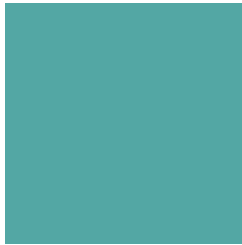
44.8220, -19.6322, 90.4871



6.0940, -2.5113, 12.1956

Previews

White Background



This preview shows how the YUV color 141.5420, 11.0718, -51.3413 looks on a white background.

Color Contrast Check

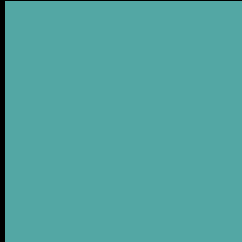
Large Text (above 18pt) WCAG AA × Fail

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 141.5420, 11.0718, -51.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

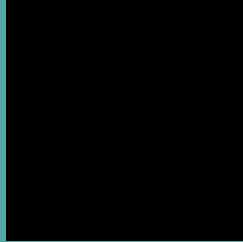
Any Text WCAG AA ✓ Pass

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 141.5420, 11.0718, -51.3413 Background



This preview shows how black text looks on a background with the YUV color 141.5420, 11.0718, -51.3413.

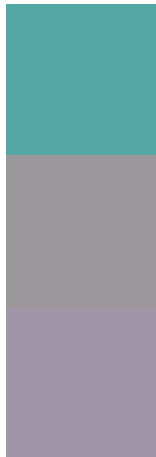


This preview shows how white text looks on a background with the YUV color 141.5420, 11.0718, -51.3413.

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

141.5420, 11.0718, -51.3413

Protanopia

153.2390, 0.8682, 1.5444

Deuteranopia

154.7540, 6.5303, 5.4777



Tritanopia

143.4590, 17.0287, -48.6375

Trichromacy



Original Color

141.5420, 11.0718, -51.3413

Protanomaly

148.7420, 4.5642, -17.3137

Deuteranomaly

150.3770, 8.1951, -15.2396

Tritanomaly

142.8780, 14.8501, -49.8820

Monochromacy



Original Color

141.5420, 11.0718, -51.3413

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

141.9160, 3.9854, -18.3433

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.5420, 11.0718, -51.3413 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, 167, 164)` looks like.

```
.text, #text, p{  
    color:rgb(83, 167, 164)  
}
```

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, 167, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 167, 164) }
```

Border

The CSS property to change the border of an element to YUV 141.5420, 11.0718, -51.3413 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, 167, 164) }
```


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

```
.border{ border-color:rgb(83, 167, 164) }
```

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

Here you see how a box with a 4 pixel rgb(83, 167, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 167, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 167, 164);  
box-shadow:4px 4px 4px 4px rgb(83, 167,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 141.5420, 11.0718, -51.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 167, 164) }
```

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

```
.background{ background-color: rgb(83, 167,  
164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor