

Converting Colors

YUV(142.1100, 19.6658,
-54.4705)

Have a look what the booklet for
YUV(142.1100, 19.6658, -54.4705)
contains.

YUV(142.1100, 19.6658, -54.4705)	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(142.1100, 19.6658,
-54.4705)**

Conversions

Conversions Part 1

Format	Color
Hex	50A6B6
RGB	80, 166, 182
RGB Percent	31%, 65%, 71%
CMY	0.6863, 0.3490, 0.2863
CMYK	0.56, 0.09, 0.00, 0.29
HSL	189°, 41%, 51%
HSV	189°, 56%, 71%
XYZ	25.3880, 32.3553, 49.1631
YIQ	142.1100, -56.3920, -13.2560

Conversions

Conversions Part 2

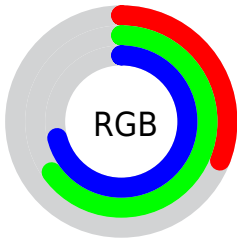
Format	Color
RYB	80, 127, 182
Decimal	5285558
CIELab	63.64, -21.25, -16.13
CIElCh	64, 26.678, 217.206
Yxy	32.3553, 0.2375, 0.3027
Android (android.graphics.Color)	4283475638 (0xFF50A6B6)
YUV	142.1100, 19.6658, -54.4705
Hunter-Lab	56.8817, -19.8732, -11.4274

Details

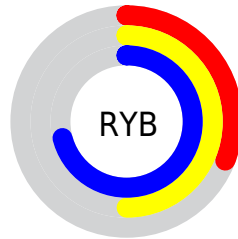
The YUV color **142.1100, 19.6658, -54.4705** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **119.8900, -19.6658, 54.4705**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.8220, 19.8078, -53.3409**, and **81.6240, 23.3564, -71.5842** is the 20% darker color. If you saturate the color by 10%, you get **134.9670, 23.1873, -63.9921**, and if you desaturate by 10%, it is **149.2530, 16.1443, -44.9489**.

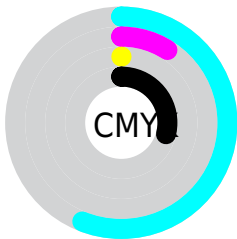
Distribution



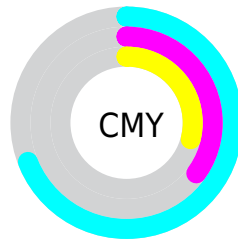
- Red (31%)
- Green (65%)
- Blue (71%)



- Red (31%)
- Yellow (50%)
- Blue (71%)



- Cyan (56%)
- Magenta (9%)
- Yellow (0%)
- Black (29%)



- Cyan (69%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.1100, 19.6658, -54.4705 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 142.1100, 19.6658, -54.4705 by changing the saturation by 10% instead.

■ 142.1100, 19.6658,
-54.4705

■ 142.1100, 19.6658,
-54.4705

255.0000, 0.0000,
0.0000

■ 114.5010, 19.9660,
-57.4444

■ 197.8220, 19.8078,
-53.3409

■ 81.6240, 23.3564,
-71.5842

■ 225.4540, 14.5662,
-52.1412

■ 64.0990, 19.6712,
-56.2148

■ 237.0600, 8.8444,
-36.8866

■ 47.2750, 16.1334,
-41.4602

■ 245.7310, 4.5696,
-19.0581

■ 31.7390, 12.4537,
-27.8351

254.7010, 0.1474,
-0.6148

■ 16.9040, 8.9213,
-14.8248

■ 1.3680, 5.2416,

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 142.1100, 19.6658,
-54.4705

■ 142.1100, 19.6658,
-54.4705

■ 134.9670, 23.1873,
-63.9921

■ 149.2530, 16.1443,
-44.9489

■ 127.8240, 26.7088,
-73.5136

■ 156.3960, 12.6228,
-35.4273

■ 120.3820, 30.3777,
-83.6500

■ 163.8380, 8.9539,
-25.2909

■ 113.8260, 33.6098,
-93.6864

■ 170.3940, 5.7218,
-15.2545

■ 110.5590, 35.2204,
-96.9602

■ 177.5370, 2.2003,
-5.7329

■ 184.6800, -1.3212,
3.7886

■ 191.8230, -4.8427,
13.3102

■ 199.2650, -8.5116,
23.4466

■ 206.4080,
-12.0331, 32.9682

Harmonies

Analogous

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



142.4670, 8.1508, -47.7676



142.1100, 19.6658, -54.4705



147.1530, 24.5746, -42.2302

Triad

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



142.1100, 19.6658, -54.4705



157.8260, 7.4808, 27.3396



151.9310, -22.1510, 11.4615

Complementary

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



142.1100, 19.6658, -54.4705



119.8900, -19.6658, 54.4705

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.



154.2690, -21.3316, 28.7051



142.1100, 19.6658, -54.4705



156.9170, -3.9031, 38.6608

Square

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



142.1100, 19.6658, -54.4705



156.9250, 17.2920, 7.0818



155.8710, -14.2334, 38.7011



149.2920, -16.4130, -9.0261

Rectangle

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



142.1100, 19.6658, -54.4705



150.9530, 24.6732, -27.1458



155.8710, -14.2334, 38.7011



153.1490, -22.7515, 17.4093

Sweetspot

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



142.1100, 19.6658, -54.4705



221.5180, 7.6326, -21.5023



141.5840, -22.9659, -54.0092



110.4760, 4.6953, -12.6955



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



142.1100, 19.6658, -54.4705



174.7840, 30.6725, -84.8796



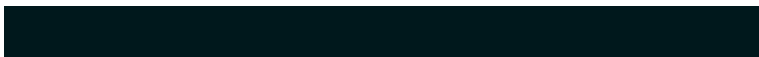
112.7600, 34.1353, -28.7305



88.1350, 1.9054, -4.5034



94.6810, 30.2303, -83.0352



17.2800, 5.2850, -15.1546

Inverse Universe

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



120.3020, 22.5291, 54.1091



140.8170, 35.0932, 84.3525



149.2400, -34.1353, 28.7305



86.4890, 1.7309, 4.8331



61.5780, 34.2250, 82.8081



11.1080, 6.3558, 14.8143

Previews

White Background



This preview shows how the YUV color 142.1100, 19.6658, -54.4705 looks on a white background.

Color Contrast Check

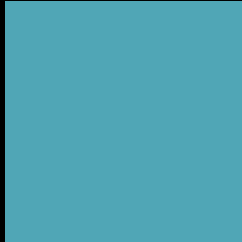
Large Text (above 18pt) WCAG AA × Fail

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 142.1100, 19.6658, -54.4705 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 142.1100, 19.6658, -54.4705

Background



This preview shows how black text looks on a background with the YUV color 142.1100, 19.6658, -54.4705.



This preview shows how white text looks on a background with the YUV color 142.1100, 19.6658, -54.4705.

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

142.1100, 19.6658, -54.4705

Protanopia

153.7960, 9.4676, -3.3291

Deuteranopia

154.7020, 15.4299, -2.3697



Tritanopia

141.5830, 18.9396, -54.8853

Trichromacy



Original Color

142.1100, 19.6658, -54.4705

Protanomaly

149.5980, 13.0162, -21.5724

Deuteranomaly

150.3360, 17.0894, -21.3427

Tritanomaly

141.6970, 19.3764, -54.9853

Monochromacy



Original Color

142.1100, 19.6658, -54.4705

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.1160, 7.3378, -20.2727

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.1100, 19.6658, -54.4705 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(80, 166, 182)` looks like.

```
.text, #text, p{  
    color:rgb(80, 166, 182)  
}
```

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(80, 166, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 166, 182) }
```

Border

The CSS property to change the border of an element to YUV 142.1100, 19.6658, -54.4705 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(80, 166, 182) }
```


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

```
.border{ border-color:rgb(80, 166, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 166, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 166, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 166, 182);  
box-shadow:4px 4px 4px 4px rgb(80, 166,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 142.1100, 19.6658, -54.4705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 166, 182) }
```

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

```
.background{ background-color: rgb(80, 166,  
182) }
```

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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