

Converting Colors

YUV(146.9050, 13.8508,
-56.0447)

Have a look what the booklet for
YUV(146.9050, 13.8508, -56.0447)
contains.

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Color

**YUV(146.9050, 13.8508,
-56.0447)**

Conversions

Conversions Part 1

Format	Color
Hex	53AEAF
RGB	83, 174, 175
RGB Percent	33%, 68%, 69%
CMY	0.6745, 0.3176, 0.3137
CMYK	0.53, 0.01, 0.00, 0.31
HSL	181°, 37%, 51%
HSV	181°, 53%, 69%
XYZ	26.4412, 35.2062, 45.9593
YIQ	146.9050, -54.5570, -18.9810

Conversions

Conversions Part 2

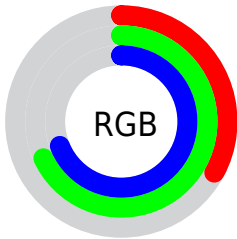
Format	Color
RYB	83, 129, 175
Decimal	5484207
CIELab	65.91, -26.66, -8.80
CIELCh	66, 28.072, 198.278
Yxy	35.2062, 0.2457, 0.3272
Android (android.graphics.Color)	4283674287 (0xFF53AEAF)
YUV	146.9050, 13.8508, -56.0447
Hunter-Lab	59.3349, -24.2916, -4.3902

Details

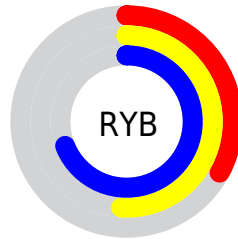
The YUV color **146.9050, 13.8508, -56.0447** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **111.0950, -13.8508, 56.0447**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.0900, 13.2666, -55.3299**, and **88.0390, 17.2358, -68.4402** is the 20% darker color. If you saturate the color by 10%, you get **141.8220, 16.3568, -66.4959**, and if you desaturate by 10%, it is **152.2870, 11.1975, -44.9787**.

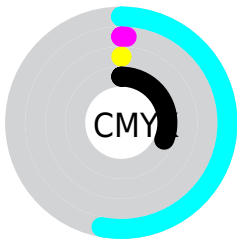
Distribution



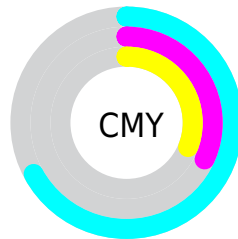
- Red (33%)
- Green (68%)
- Blue (69%)



- Red (33%)
- Yellow (51%)
- Blue (69%)



- Cyan (53%)
- Magenta (1%)
- Yellow (0%)
- Black (31%)



- Cyan (67%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.9050, 13.8508, -56.0447 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 146.9050, 13.8508, -56.0447 by changing the saturation by 10% instead.

■ 146.9050, 13.8508,
-56.0447

■ 146.9050, 13.8508,
-56.0447

■ 255.0000, 0.0000,
0.0000

■ 119.0080, 14.2931,
-57.8890

■ 203.0900, 13.2666,
-55.3299

■ 88.0390, 17.2358,
-68.4402

■ 229.2860, 12.6770,
-52.8708

■ 67.5240, 15.0247,
-59.2185

■ 237.6580, 8.5496,
-35.6571

■ 50.7000, 11.4869,
-44.4639

■ 246.6280, 4.1274,
-17.2138

■ 34.6910, 8.5333,
-30.4240

■ 21.0300, 4.4222,
-18.4433

■ 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 146.9050, 13.8508,
-56.0447

■ 146.9050, 13.8508,
-56.0447

■ 141.8220, 16.3568,
-66.4959

■ 152.2870, 11.1975,
-44.9787

■ 136.4400, 19.0101,
-77.5619

■ 157.3700, 8.6916,
-34.5275

■ 130.4710, 21.9528,
-88.1131

■ 163.3390, 5.7489,
-23.9763

■ 125.3880, 24.4587,
-98.5643

■ 168.4220, 3.2430,
-13.5251

■ 121.5010, 26.3750,
-106.5564

■ 173.8040, 0.5896,
-2.4591

■ 178.8870, -1.9163,
7.9921

■ 184.2690, -4.5696,
19.0581

■ 189.9390, -7.3649,
28.9945

■ 195.3210,
-10.0183, 40.0605

Harmonies

Analogous

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



149.9320, -0.4595, -39.4054



146.9050, 13.8508, -56.0447



148.2500, 24.0338, -55.4703

Triad

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



146.9050, 13.8508, -56.0447



163.4100, 15.0809, 16.3034



159.5520, -23.9361, 24.0719

Complementary

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



146.9050, 13.8508, -56.0447



111.0950, -13.8508, 56.0447

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.



161.4210, -18.4486, 37.3418



146.9050, 13.8508, -56.0447



163.8440, 3.5279, 35.2168

Square

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



146.9050, 13.8508, -56.0447



160.7210, 23.3085, -9.4023



163.0870, -8.4239, 42.0197



156.8870, -22.1293, 4.4841

Rectangle

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



146.9050, 13.8508, -56.0447



152.5980, 26.3272, -44.3744



163.0870, -8.4239, 42.0197



160.2260, -22.7894, 29.6198

Sweetspot

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



146.9050, 13.8508, -56.0447



216.2360, 5.3067, -22.1320



137.0040, -26.6240, -47.3615



108.4220, 3.2430, -13.5251



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



146.9050, 13.8508, -56.0447



183.0690, 21.6580, -86.8835



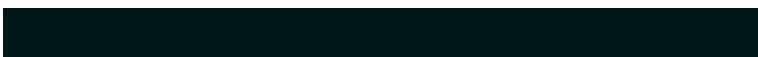
120.4900, 26.8734, -32.8787



84.3090, 1.3267, -5.5330



104.5630, 22.4004, -91.7018



16.1230, 3.3904, -14.1399

Inverse Universe

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



120.8820, 26.1872, 47.4615



142.8310, 40.5093, 73.8162



137.5100, -26.8734, 32.8787



81.7170, 2.6045, 4.6332



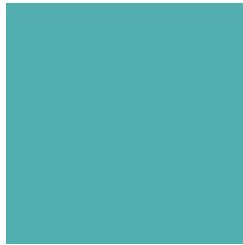
61.8360, 42.9719, 77.3198



9.4990, 6.6560, 11.8404

Previews

White Background



This preview shows how the YUV color 146.9050, 13.8508, -56.0447 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 146.9050, 13.8508, -56.0447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

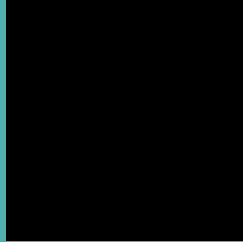
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 146.9050, 13.8508, -56.0447

Background



This preview shows how black text looks on a background with the YUV color 146.9050, 13.8508, -56.0447.

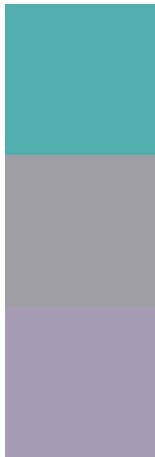


This preview shows how white text looks on a background with the YUV color 146.9050, 13.8508, -56.0447.

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

146.9050, 13.8508, -56.0447

Protanopia

159.3960, 2.7628, 0.5297

Deuteranopia

160.7260, 9.0091, 3.7483



Tritanopia

148.1810, 18.6448, -53.6557

Trichromacy



Original Color

146.9050, 13.8508, -56.0447

Protanomaly

155.0020, 6.9010, -20.1728

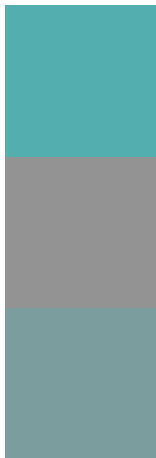
Deuteranomaly

155.7510, 10.9688, -18.1986

Tritanomaly

148.0130, 16.7556, -54.3854

Monochromacy



Original Color

146.9050, 13.8508, -56.0447

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.1330, 4.8644, -20.2876

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.9050, 13.8508, -56.0447 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, 174, 175)` looks like.

```
.text, #text, p{  
    color:rgb(83, 174, 175)  
}
```

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, 174, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 174, 175) }
```

Border

The CSS property to change the border of an element to YUV 146.9050, 13.8508, -56.0447 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, 174, 175) }
```


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

```
.border{ border-color:rgb(83, 174, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 174, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 174, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 174, 175);  
box-shadow:4px 4px 4px 4px rgb(83, 174,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 146.9050, 13.8508, -56.0447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 174, 175) }
```

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

```
.background{ background-color: rgb(83, 174,  
175) }
```

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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