

Converting Colors

YUV(142.4170, -6.1216,
-43.3387)

Have a look what the booklet for
YUV(142.4170, -6.1216, -43.3387)
contains.

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Color

**YUV(142.4170, -6.1216,
-43.3387)**

Conversions

Conversions Part 1

Format	Color
Hex	5DAA82
RGB	93, 170, 130
RGB Percent	36%, 67%, 51%
CMY	0.6353, 0.3333, 0.4902
CMYK	0.45, 0.00, 0.24, 0.33
HSL	149°, 31%, 52%
HSV	149°, 45%, 67%
XYZ	22.9182, 32.6883, 26.2207
YIQ	142.4170, -33.0520, -28.7640

Conversions

Conversions Part 2

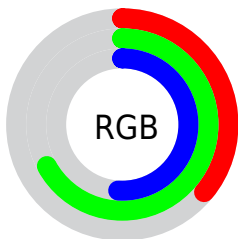
Format	Color
RYB	93, 145, 170
Decimal	6138498
CIELab	63.91, -33.22, 13.34
CIElCh	64, 35.801, 158.119
Yxy	32.6883, 0.2801, 0.3995
Android (android.graphics.Color)	4284328578 (0xFF5DAA82)
YUV	142.4170, -6.1216, -43.3387
Hunter-Lab	57.1737, -28.5019, 12.8304

Details

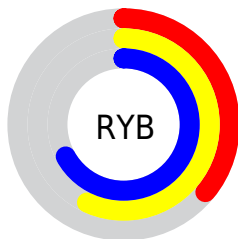
The YUV color **142.4170, -6.1216, -43.3387** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **120.5830, 6.1216, 43.3387**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.4770, -7.1372, -44.2683**, and **89.2750, -4.0796, -44.9682** is the 20% darker color. If you saturate the color by 10%, you get **136.3080, -7.5468, -52.8901**, and if you desaturate by 10%, it is **148.5260, -4.6963, -33.7873**.

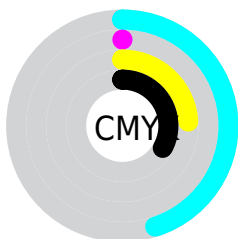
Distribution



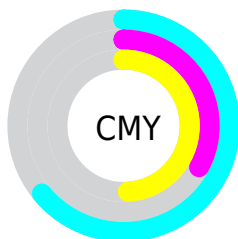
- Red (36%)
- Green (67%)
- Blue (51%)



- Red (36%)
- Yellow (57%)
- Blue (67%)



- Cyan (45%)
- Magenta (0%)
- Yellow (24%)
- Black (33%)




- Cyan (64%)
- Magenta (33%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.4170, -6.1216, -43.3387 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 142.4170, -6.1216, -43.3387 by changing the saturation by 10% instead.


 142.4170, -6.1216,
-43.3387

 142.4170, -6.1216,
-43.3387


255.0000, 0.0000,
0.0000

 115.6450, -5.2480,
-43.5387


 197.4770, -7.1372,
-44.2683


 89.2750, -4.0796,
-44.9682


 226.0640, -7.4266,
-44.7831


 60.5020, -1.7265,
-53.0603

 237.6280, 0.6764,
-30.3688

 44.0200, -3.9539,
-38.6055

 248.1230, 3.3904,
-14.1399

 28.1250, -6.4706,
-24.6656

 12.9140, -6.3666,
-11.3256

 0.0000, 0.0000,

0.0000

■ 142.4170, -6.1216,
-43.3387

■ 142.4170, -6.1216,
-43.3387

■ 136.3080, -7.5468,
-52.8901

■ 148.5260, -4.6963,
-33.7873

■ 130.1990, -8.9721,
-62.4415

■ 154.6350, -3.2711,
-24.2359

■ 124.2040, -9.9606,
-72.0929

■ 160.6300, -2.2826,
-14.5845

■ 118.0950,
-11.3858, -81.6443

■ 166.7390, -0.8573,
-5.0331

■ 111.9860,
-12.8111, -91.1957

■ 172.8480, 0.5679,
4.5183

■ 109.1380,
-13.3790, -95.7140

■ 178.9570, 1.9932,
14.0697

■ 185.0660, 3.4185,
23.6211

■ 191.1750, 4.8437,
33.1725

■ 197.1700, 5.8322,
42.8239

Harmonies

Analogous

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



148.3640, -22.3645, -13.4742



142.4170, -6.1216, -43.3387



133.0010, 14.7895, -77.1769

Triad

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



142.4170, -6.1216, -43.3387



152.6140, 32.2353, -25.9715



156.2700, -19.3601, 49.7522

Complementary

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



142.4170, -6.1216, -43.3387



120.5830, 6.1216, 43.3387

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.



157.6520, -5.2514, 51.1712



142.4170, -6.1216, -43.3387



158.1410, 23.1015, 10.4003

Square

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



142.4170, -6.1216, -43.3387



140.5720, 35.7070, -66.2766



158.8750, 9.9216, 37.8206



154.3640, -28.7735, 35.6378

Rectangle

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



142.4170, -6.1216, -43.3387



122.5490, 30.2953, -103.9675



158.8750, 9.9216, 37.8206



156.4320, -15.0030, 52.2411

Sweetspot

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



142.4170, -6.1216, -43.3387



210.9070, -2.4192, -17.4584



150.4580, -28.3268, -14.4337



105.1790, -1.5672, -10.6810



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



142.4170, -6.1216, -43.3387



179.0520, -9.3926, -67.5746



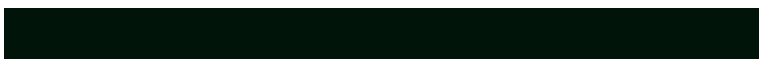
146.6350, 10.0399, -47.0379



81.1520, -0.5679, -4.5183



94.9700, -11.8172, -83.2887



12.8800, -1.4198, -11.2958

Inverse Universe

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



120.5830, 6.1216, 43.3387



144.9480, 9.3926, 67.5746



116.3650, -10.0399, 47.0379



78.8480, 0.5679, 4.5183



53.0300, 11.8172, 83.2887



7.2340, 1.8566, 11.1958

Previews

White Background



This preview shows how the YUV color 142.4170, -6.1216, -43.3387 looks on a white background.

Color Contrast Check

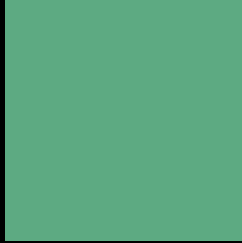
Large Text (above 18pt) WCAG AA × Fail

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 142.4170, -6.1216, -43.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

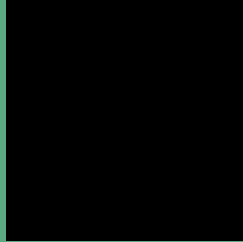
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 142.4170, -6.1216, -43.3387

Background



This preview shows how black text looks on a background with the YUV color 142.4170, -6.1216, -43.3387.



This preview shows how white text looks on a background with the YUV color 142.4170, -6.1216, -43.3387.

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

142.4170, -6.1216, -43.3387

Protanopia

153.3420, -15.4516, 9.3471

Deuteranopia

154.8900, -9.8058, 18.5135



Tritanopia

147.8410, 14.3754, -37.5716

Trichromacy



Original Color

142.4170, -6.1216, -43.3387

Protanomaly

149.4320, -12.0450, -10.0259

Deuteranomaly

150.3880, -8.5723, -3.8483

Tritanomaly

145.8810, 6.9607, -39.3606

Monochromacy



Original Color

142.4170, -6.1216, -43.3387

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.0320, -1.9878, -15.8141

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.4170, -6.1216, -43.3387 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(93, 170, 130)` looks like.

```
.text, #text, p{  
    color:rgb(93, 170, 130)  
}
```

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(93, 170, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 170, 130) }
```

Border

The CSS property to change the border of an element to YUV 142.4170, -6.1216, -43.3387 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(93, 170, 130) }
```


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

```
.border{ border-color:rgb(93, 170, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 170, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 170, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 170, 130);  
box-shadow:4px 4px 4px 4px rgb(93, 170,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 142.4170, -6.1216, -43.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 170, 130) }
```

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

```
.background{ background-color: rgb(93, 170,  
130) }
```

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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