

Converting Colors

YUV(144.9140, -63.5546,
-8.6946)

Have a look what the booklet for
YUV(144.9140, -63.5546, -8.6946)
contains.

YUV(144.9140, -63.5546, -8.6946)	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(144.9140, -63.5546,
-8.6946)**

Conversions

Conversions Part 1

Format	Color
Hex	87AF10
RGB	135, 175, 16
RGB Percent	53%, 69%, 6%
CMY	0.4706, 0.3137, 0.9373
CMYK	0.23, 0.00, 0.91, 0.31
HSL	75°, 83%, 37%
HSV	75°, 91%, 69%
XYZ	25.4152, 35.8483, 6.0701
YIQ	144.9140, 27.1990, -57.9290

Conversions

Conversions Part 2

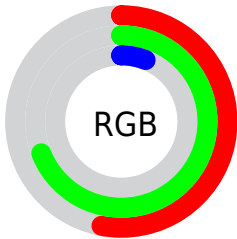
Format	Color
RYB	16, 175, 56
Decimal	8892176
CIELab	66.40, -33.07, 65.67
CIELCh	66, 73.527, 116.725
Yxy	35.8483, 0.3775, 0.5324
Android (android.graphics.Color)	4287082256 (0xFF87AF10)
YUV	144.9140, -63.5546, -8.6946
Hunter-Lab	59.8734, -29.0085, 35.9004

Details

The YUV color **144.9140, -63.5546, -8.6946** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **46.0860, 63.5546, 8.6946**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.3530, -59.3340, -9.0796**, and **95.5340, -47.0983, -13.6233** is the 20% darker color. If you saturate the color by 10%, you get **141.8940, -69.9537, -9.5540**, and if you desaturate by 10%, it is **148.0480, -56.7187, -7.9351**.

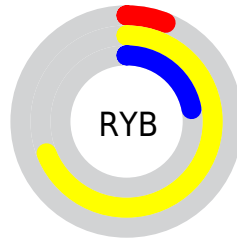
Distribution



Red (53%)

Green (69%)

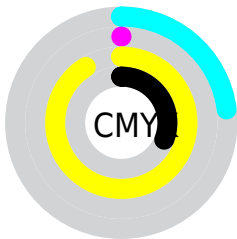
Blue (6%)



Red (6%)

Yellow (69%)

Blue (22%)

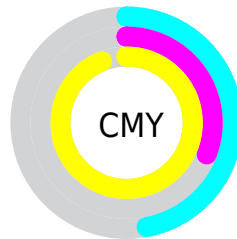


Cyan (23%)

Magenta (0%)

Yellow (91%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.9140, -63.5546, -8.6946 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 144.9140, -63.5546, -8.6946 by changing the saturation by 10% instead.

■ 144.9140,
-63.5546, -8.6946

■ 144.9140,
-63.5546, -8.6946

■ 255.0000, 0.0000,
0.0000

■ 118.8690,
-58.6024, -10.4091

■ 202.3530,
-59.3340, -9.0796

■ 95.5340, -47.0983,
-13.6233

■ 228.3040,
-58.3239, -6.4056

■ 72.4870, -35.7361,
-17.9671

■ 240.4660,
-50.5157, 9.2383

■ 49.1300, -24.2211,
-24.6700

■ 244.8540,
-38.8750, 8.8980

■ 29.3500, -14.4695,
-25.7399

■ 248.0460,
-26.6447, 6.0987

■ 17.6100, -8.6817,
-15.4440

■ 251.3520,

■ 0.0000, 0.0000,

-13.9775, 3.1993

0.0000

254.7720, -0.8736,
0.2000

■ 144.9140,
-63.5546, -8.6946

■ 144.9140,
-63.5546, -8.6946

■ 141.8940,
-69.9537, -9.5540

■ 148.0480,
-56.7187, -7.9351

■ 151.5950,
-49.5933, -6.6608

■ 154.7290,
-42.7574, -5.9013

■ 158.2760,
-35.6321, -4.6271

■ 161.5240,
-28.3593, -3.9675

■ 164.6580,
-21.5234, -3.2081

■ 168.2050,
-14.3981, -1.9338

■ 171.3390, -7.5621,
-1.1743

■ 174.8860, -0.4368,
0.1000

Harmonies

Analogous

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



151.0730, -74.4790, 42.0320



144.9140, -63.5546, -8.6946



120.5520, -18.0201, -100.4621

Triad

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



144.9140, -63.5546, -8.6946



138.2520, 57.5568, -121.2470



150.4440, 10.6271, 91.6956

Complementary

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



144.9140, -63.5546, -8.6946



46.0860, 63.5546, 8.6946

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.



164.8480, 34.5849, 60.6463



144.9140, -63.5546, -8.6946



130.0340, 61.6082, -114.0398

Square

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



144.9140, -63.5546, -8.6946



137.0830, 40.3851, -120.2218



158.7140, 47.4690, -12.0272



147.6160, -20.5167, 94.1758

Rectangle

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



144.9140, -63.5546, -8.6946



126.2360, 1.3627, -110.7090



158.7140, 47.4690, -12.0272



155.8870, 18.7897, 86.9221

Sweetspot

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



144.9140, -63.5546, -8.6946



215.5610, -24.4336, -3.1230



87.0210, -35.0134, 77.1576



108.0910, -14.8349, -1.8338



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.



144.9140, -63.5546, -8.6946



184.0790, -90.7509, -12.3473



121.2930, -51.9094, -57.2620



85.3760, -3.6364, -0.3298



121.8370, -60.0656, -7.7500



18.5840, -9.1619, -1.3892

Inverse Universe

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



46.0860, 63.5546, 8.6946



42.9210, 90.7509, 12.3473



69.7070, 51.9094, 57.2620



79.6240, 3.6364, 0.3298



28.4620, 59.9182, 8.3648



4.4160, 9.1619, 1.3892

Previews

White Background



This preview shows how the YUV color 144.9140, -63.5546, -8.6946 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 144.9140, -63.5546, -8.6946 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 144.9140, -63.5546, -8.6946

Background



This preview shows how black text looks on a background with the YUV color 144.9140, -63.5546, -8.6946.



This preview shows how white text looks on a background with the YUV color 144.9140, -63.5546, -8.6946.

-8.6946.

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

144.9140, -63.5546, -8.6946

Protanopia

149.9510, -69.4888, 28.1070

Deuteranopia

154.4980, -58.9125, 42.5363



Tritanopia

160.5950, 7.5947, -9.2918

Trichromacy



Original Color

144.9140, -63.5546, -8.6946

Protanomaly

148.1450, -67.1195, 14.7818

Deuteranomaly

150.9210, -60.6001, 23.7483

Tritanomaly

154.8360, -18.1601, -8.6262

Monochromacy



Original Color

144.9140, -63.5546, -8.6946

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.9030, -23.1232, -3.4229

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.9140, -63.5546, -8.6946 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(135, 175, 16)` looks like.

```
.text, #text, p{  
    color:rgb(135, 175, 16)  
}
```

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(135, 175, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 175, 16) }
```

Border

The CSS property to change the border of an element to YUV 144.9140, -63.5546, -8.6946 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(135, 175, 16) }
```


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

```
.border{ border-color:rgb(135, 175, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 175, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 175, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 175, 16);  
box-shadow:4px 4px 4px 4px rgb(135, 175,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 144.9140, -63.5546, -8.6946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 175, 16) }
```

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

```
.background{ background-color: rgb(135,  
175, 16) }
```

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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