

Converting Colors

YUV(139.8920, -16.7088,
-54.2793)

Have a look what the booklet for
YUV(139.8920, -16.7088, -54.2793)
contains.

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Color

**YUV(139.8920, -16.7088,
-54.2793)**

Conversions

Conversions Part 1

Format	Color
Hex	4EB26A
RGB	78, 178, 106
RGB Percent	31%, 70%, 42%
CMY	0.6941, 0.3020, 0.5843
CMYK	0.56, 0.00, 0.40, 0.30
HSL	137°, 39%, 50%
HSV	137°, 56%, 70%
XYZ	21.6638, 34.5011, 19.1532
YIQ	139.8920, -36.4880, -43.5920

Conversions

Conversions Part 2

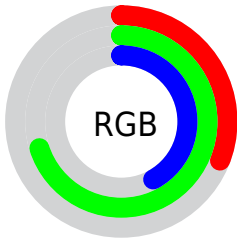
Format	Color
RYB	78, 156, 178
Decimal	5157482
CIELab	65.36, -45.26, 28.21
CIElCh	65, 53.332, 148.064
Yxy	34.5011, 0.2876, 0.4581
Android (android.graphics.Color)	4283347562 (0xFF4EB26A)
YUV	139.8920, -16.7088, -54.2793
Hunter-Lab	58.7376, -36.9559, 21.7830

Details

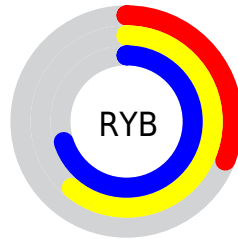
The YUV color **139.8920, -16.7088, -54.2793** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **116.1080, 16.7088, 54.2793**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.7350, -18.6034, -53.2646**, and **79.5850, -11.1344, -68.9190** is the 20% darker color. If you saturate the color by 10%, you get **133.0280, -19.7338, -64.0456**, and if you desaturate by 10%, it is **146.7560, -13.6837, -44.5130**.

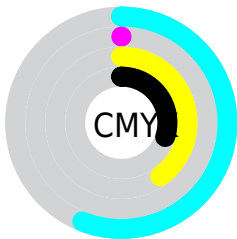
Distribution



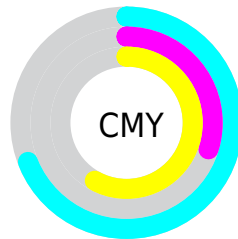
- Red (31%)
- Green (70%)
- Blue (42%)



- Red (31%)
- Yellow (61%)
- Blue (70%)



- Cyan (56%)
- Magenta (0%)
- Yellow (40%)
- Black (30%)



- Cyan (69%)
- Magenta (30%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.8920, -16.7088, -54.2793 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 139.8920, -16.7088, -54.2793 by changing the saturation by 10% instead.

■ 139.8920,
-16.7088, -54.2793

■ 139.8920,
-16.7088, -54.2793

■ 255.0000, 0.0000,
0.0000

■ 112.2230,
-15.3929, -56.3236

■ 195.7350,
-18.6034, -53.2646

■ 79.5850, -11.1344,
-68.9190

■ 219.5120,
-17.0144, -49.5610

■ 61.9890, -13.7986,
-54.3644

■ 231.3750, -9.0589,
-34.5319

■ 44.6920, -16.6102,
-39.1949

■ 243.3520, -0.6665,
-19.6027

■ 29.3500, -14.4695,
-25.7399

■ 253.8040, 0.5896,
-2.4591

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,

0.0000

■ 139.8920,
-16.7088, -54.2793

■ 139.8920,
-16.7088, -54.2793

■ 133.0280,
-19.7338, -64.0456

■ 146.7560,
-13.6837, -44.5130

■ 126.1640,
-22.7589, -73.8118

■ 153.6200,
-10.6587, -34.7467

■ 119.7130,
-25.4945, -83.0633

■ 160.0710, -7.9230,
-25.4953

■ 112.8490,
-28.5196, -92.8296

■ 166.9350, -4.8980,
-15.7290

■ 110.1860,
-29.6717, -96.6331

■ 173.7990, -1.8729,
-5.9627

■ 180.6630, 1.1521,
3.8035

■ 187.5270, 4.1772,
13.5698

■ 194.0920, 7.3496,
22.7213

■ 200.8420, 9.9379,
32.5876

Harmonies

Analogous

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



149.3420, -39.1156, -7.3159



139.8920, -16.7088, -54.2793



124.3900, 14.5977, -109.0900

Triad

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



139.8920, -16.7088, -54.2793



138.6680, 56.8587, -83.9008



157.5060, -20.4625, 76.7322

Complementary

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



139.8920, -16.7088, -54.2793



116.1080, 16.7088, 54.2793

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.



160.0320, 1.9562, 72.7629



139.8920, -16.7088, -54.2793



160.6350, 40.6059, -4.0649

Square

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



139.8920, -16.7088, -54.2793



130.5580, 53.4619, -114.4994



163.0620, 23.1404, 44.6726



156.5860, -38.7429, 59.9991

Rectangle

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



139.8920, -16.7088, -54.2793



128.1520, 29.0121, -112.3893



163.0620, 23.1404, 44.6726



158.4660, -13.0477, 78.5213

Sweetspot

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



139.8920, -16.7088, -54.2793



217.1470, -6.4815, -21.1769



158.5270, -39.6998, -6.6012



108.1850, -4.0352, -12.4402



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



139.8920, -16.7088, -54.2793



172.8870, -26.0733, -84.0929



145.4780, 4.6943, -59.1782



85.6250, -1.2941, -4.9331



94.7130, -25.4945, -83.0633



16.0600, -4.4666, -14.0846

Inverse Universe

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



116.1080, 16.7088, 54.2793



136.1130, 26.0733, 84.0929



110.5220, -4.6943, 59.1782



83.4890, 1.7309, 4.8331



58.2870, 25.4945, 83.0633



9.8260, 4.0298, 14.1846

Previews

White Background



This preview shows how the YUV color 139.8920, -16.7088, -54.2793 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 139.8920, -16.7088, -54.2793 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 139.8920, -16.7088, -54.2793 Background



This preview shows how black text looks on a background with the YUV color 139.8920, -16.7088, -54.2793.



This preview shows how white text looks on a background with the YUV color 139.8920, -16.7088, -54.2793.

-54.2793.

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

139.8920, -16.7088, -54.2793

Protanopia

155.3460, -28.2716, 14.6056

Deuteranopia

157.3180, -22.3418, 26.0311



Tritanopia

149.3670, 16.5811, -45.0489

Trichromacy



Original Color

139.8920, -16.7088, -54.2793

Protanomaly

149.6310, -23.9751, -10.2004

Deuteranomaly

151.0000, -20.2130, -3.5080

Tritanomaly

145.8430, 4.5144, -48.0973

Monochromacy



Original Color

139.8920, -16.7088, -54.2793

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.9730, -5.9027, -20.1473

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.8920, -16.7088, -54.2793 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(78, 178, 106)` looks like.

```
.text, #text, p{  
    color:rgb(78, 178, 106)  
}
```

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(78, 178, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 178, 106) }
```

Border

The CSS property to change the border of an element to YUV 139.8920, -16.7088, -54.2793 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(78, 178, 106) }
```


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

```
.border{ border-color:rgb(78, 178, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 178, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 178, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 178, 106);  
box-shadow:4px 4px 4px 4px rgb(78, 178,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 139.8920, -16.7088, -54.2793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 178, 106) }
```

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

```
.background{ background-color: rgb(78, 178,  
106) }
```

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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