

Converting Colors

YUV(196.4360, -54.9379,
27.6816)

Have a look what the booklet for
YUV(196.4360, -54.9379, 27.6816)
contains.

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Color

**YUV(196.4360, -54.9379,
27.6816)**

Conversions

Conversions Part 1

Format	Color
Hex	E4CA55
RGB	228, 202, 85
RGB Percent	89%, 79%, 33%
CMY	0.1059, 0.2078, 0.6667
CMYK	0.00, 0.11, 0.63, 0.11
HSL	49°, 73%, 61%
HSV	49°, 63%, 89%
XYZ	54.7551, 59.3909, 17.1720
YIQ	196.4360, 53.0530, -30.8750

Conversions

Conversions Part 2

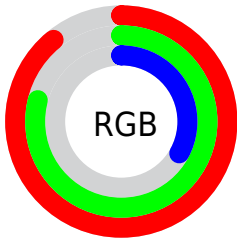
Format	Color
RYB	117, 228, 85
Decimal	14994005
CIELab	81.51, -4.25, 60.06
CIELCh	82, 60.207, 94.045
Yxy	59.3909, 0.4170, 0.4523
Android (android.graphics.Color)	4293184085 (0xFFE4CA55)
YUV	196.4360, -54.9379, 27.6816
Hunter-Lab	77.0655, -8.0402, 40.7346

Details

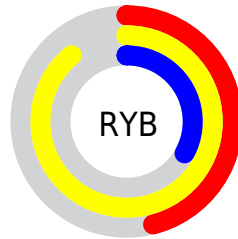
The YUV color **196.4360, -54.9379, 27.6816** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **116.5640, 54.9379, -27.6816**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.7760, -50.6686, 11.5974**, and **140.5990, -55.5113, 24.9077** is the 20% darker color. If you saturate the color by 10%, you get **191.4660, -63.8267, 32.0403**, and if you desaturate by 10%, it is **201.4060, -46.0492, 23.3229**.

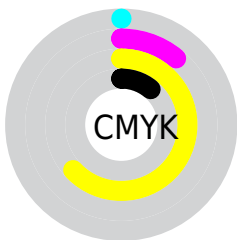
Distribution



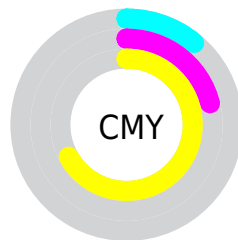
- Red (89%)
- Green (79%)
- Blue (33%)



- Red (46%)
- Yellow (89%)
- Blue (33%)



- Cyan (0%)
- Magenta (11%)
- Yellow (63%)
- Black (11%)



- Cyan (11%)
- Magenta (21%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.4360, -54.9379, 27.6816 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 196.4360, -54.9379, 27.6816 by changing the saturation by 10% instead.

■ 196.4360,
-54.9379, 27.6816

■ 196.4360,
-54.9379, 27.6816

255.0000, 0.0000,
0.0000

■ 168.5390,
-54.4957, 25.8373

■ 241.7760,
-50.6686, 11.5974

■ 140.5990,
-55.5113, 24.9077

■ 244.9680,
-38.4382, 8.7981

■ 114.3600,
-56.3795, 23.3633

■ 248.1600,
-26.2079, 5.9987

■ 91.3130, -45.0173,
19.0195

■ 251.4660,
-13.5407, 3.0993

■ 69.7390, -34.3813,
14.2609

254.7720, -0.8736,
0.2000

■ 48.1650, -23.7453,
9.5023

■ 28.3630, -13.9830,

4.9436

■ 5.2830, -2.6045,
-4.6332

■ 0.0000, 0.0000,
0.0000

■ 196.4360,
-54.9379, 27.6816

■ 196.4360,
-54.9379, 27.6816

■ 191.4660,
-63.8267, 32.0403

■ 201.4060,
-46.0492, 23.3229

■ 186.4960,
-72.7155, 36.3990

■ 206.3760,
-37.1604, 18.9642

■ 181.6400,
-81.1675, 40.6577

■ 211.2320,
-28.7084, 14.7055

■ 177.9410,
-87.7249, 43.9017

■ 216.7890,
-20.1090, 9.8320

■ 221.7590,
-11.2202, 5.4734

■ 226.7290, -2.3314,
1.1147

■ 231.6990, 6.5574,
-3.2440

■ 235.1870, 9.7678,
-6.3030

■ 237.5350, 8.6102,
-8.3622

Harmonies

Analogous

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



194.5930, -46.1413, 52.9769



196.4360, -54.9379, 27.6816



190.4670, -42.1352, -18.8266

Triad

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



196.4360, -54.9379, 27.6816



163.4930, 45.1130, -143.3834



201.3550, 25.4610, 47.0467

Complementary

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



196.4360, -54.9379, 27.6816



116.5640, 54.9379, -27.6816

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.



202.2490, 26.0062, 12.0596



196.4360, -54.9379, 27.6816



158.7970, 47.4281, -139.2650

Square

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



196.4360, -54.9379, 27.6816



159.4230, 24.4415, -139.8140



183.7790, 35.1120, -62.0732



189.1010, 3.8942, 57.7934

Rectangle

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



196.4360, -54.9379, 27.6816



183.5300, -24.4183, -54.8388



183.7790, 35.1120, -62.0732



205.1050, 24.5982, 43.7579

Sweetspot

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



196.4360, -54.9379, 27.6816



244.2450, -18.3618, 9.4321



130.7210, -9.7225, 85.3137



121.0580, -11.3676, 6.0881



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



196.4360, -54.9379, 27.6816



212.6810, -73.2997, 37.1138



198.2430, -55.8288, -13.3681



112.4580, -4.6628, 2.2293



139.2230, -68.6369, 34.8844



39.9030, -19.6722, 9.7321

Inverse Universe

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



116.5640, 54.9379, -27.6816



106.3190, 73.2997, -37.1138



114.7570, 55.8288, 13.3681



105.5420, 4.6628, -2.2293



39.1900, 68.9263, -34.3696



11.0970, 19.6722, -9.7321

Previews

White Background



This preview shows how the YUV color 196.4360, -54.9379, 27.6816 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 196.4360, -54.9379, 27.6816 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 196.4360, -54.9379, 27.6816

Background



This preview shows how black text looks on a background with the YUV color 196.4360, -54.9379, 27.6816.



This preview shows how white text looks on a background with the YUV color 196.4360, -54.9379,

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

196.4360, -54.9379, 27.6816

Protanopia

196.1260, -54.7851, 25.3225

Deuteranopia

198.3720, -54.4134, 46.1548



Tritanopia

205.9480, -0.9604, 28.1096

Trichromacy



Original Color

196.4360, -54.9379, 27.6816

Protanomaly

196.4250, -54.9325, 25.9373

Deuteranomaly

197.6270, -54.5391, 39.7921

Tritanomaly

202.1980, -20.3106, 27.8904

Monochromacy



Original Color

196.4360, -54.9379, 27.6816

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.2020, -19.8196, 10.3468

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.4360, -54.9379, 27.6816 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(228, 202, 85)` looks like.

```
.text, #text, p{  
    color:rgb(228, 202, 85)  
}
```

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(228, 202, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 202, 85) }
```

Border

The CSS property to change the border of an element to YUV 196.4360, -54.9379, 27.6816 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(228, 202, 85) }
```


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

```
.border{ border-color:rgb(228, 202, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 202, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 202, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 202, 85);  
box-shadow:4px 4px 4px 4px rgb(228, 202,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 196.4360, -54.9379, 27.6816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 202, 85) }
```

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

```
.background{ background-color: rgb(228,  
202, 85) }
```

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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