

Converting Colors

YUV(219.8270, -54.6377,
24.7077)

Have a look what the booklet for
YUV(219.8270, -54.6377, 24.7077)
contains.

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Color

**YUV(219.8270, -54.6377,
24.7077)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E36D
RGB	248, 227, 109
RGB Percent	97%, 89%, 43%
CMY	0.0275, 0.1098, 0.5725
CMYK	0.00, 0.08, 0.56, 0.03
HSL	51°, 91%, 70%
HSV	51°, 56%, 97%
XYZ	68.9408, 75.9988, 25.5037
YIQ	219.8270, 50.3940, -32.2460

Conversions

Conversions Part 2

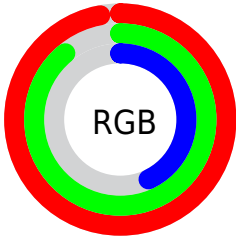
Format	Color
RYB	134, 248, 109
Decimal	16311149
CIELab	89.86, -7.04, 59.23
CIELCh	90, 59.647, 96.782
Yxy	75.9988, 0.4045, 0.4459
Android (android.graphics.Color)	4294501229 (0xFFFF8E36D)
YUV	219.8270, -54.6377, 24.7077
Hunter-Lab	87.1773, -11.4003, 43.6788

Details

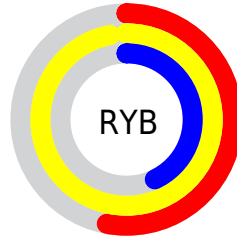
The YUV color $219.8270, -54.6377, 24.7077$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $137.1730, 54.6377, -24.7077$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.6260, -39.7486, 9.0980$, and $163.7450, -53.6113, 22.1486$ is the 20% darker color. If you saturate the color by 10%, you get $214.6290, -64.4001, 29.2664$, and if you desaturate by 10%, it is $225.0250, -44.8753, 20.1491$.

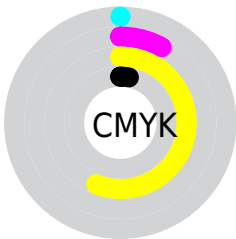
Distribution



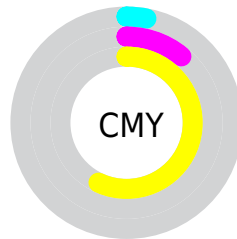
- Red (97%)
- Green (89%)
- Blue (43%)



- Red (53%)
- Yellow (97%)
- Blue (43%)



- Cyan (0%)
- Magenta (8%)
- Yellow (56%)
- Black (3%)



- Cyan (3%)
- Magenta (11%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.8270, -54.6377, 24.7077 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 219.8270, -54.6377, 24.7077 by changing the saturation by 10% instead.

219.8270,
-54.6377, 24.7077

219.8270,
-54.6377, 24.7077

255.0000, 0.0000,
0.0000

191.3430,
-53.9061, 23.3782

244.6260,
-39.7486, 9.0980

163.7450,
-53.6113, 22.1486

247.8180,
-27.5183, 6.2986

136.3920,
-54.9163, 20.7042

251.0100,
-15.2879, 3.4992

109.9080,
-54.1846, 19.3747

254.4300, -2.1840,
0.4999

86.8610, -42.8225,
15.0309

65.5860, -32.3339,
10.8871

44.5990, -21.9873,

5.6137

■ 25.0960, -12.3723,
1.6698

■ 0.0000, 0.0000,
0.0000

■ 219.8270,
-54.6377, 24.7077

■ 219.8270,
-54.6377, 24.7077

■ 214.6290,
-64.4001, 29.2664

■ 225.0250,
-44.8753, 20.1491

■ 210.0180,
-74.4519, 33.3102

■ 229.6360,
-34.8235, 16.1052

■ 204.9340,
-83.7775, 37.7689

■ 234.7200,
-25.4980, 11.6466

■ 199.7360,
-93.5398, 42.3275

■ 239.9180,
-15.7356, 7.0879

■ 198.0090,
-97.6184, 43.8421

■ 245.1160, -5.9732,
2.5293

■ 249.3850, 2.7682,
-1.2146

■ 251.7330, 1.6106,
-3.2738

■ 252.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



211.5480, -44.6402, 38.1074



219.8270, -54.6377, 24.7077



212.9010, -40.3772, -22.7152

Triad

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



219.8270, -54.6377, 24.7077



177.5810, 38.1676, -155.7385



214.4970, 19.9680, 35.5211

Complementary

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



219.8270, -54.6377, 24.7077



137.1730, 54.6377, -24.7077

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.



224.1440, 15.2120, 20.9217



219.8270, -54.6377, 24.7077



172.2980, 40.7721, -151.1053

Square

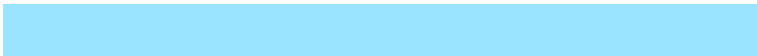
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



219.8270, -54.6377, 24.7077



176.8170, 30.1632, -155.0685



208.9520, 22.7017, -48.1929



205.2410, 4.8112, 43.6386

Rectangle

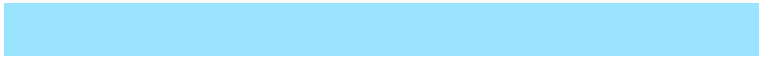
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



219.8270, -54.6377, 24.7077



206.0780, -22.2235, -58.8274



208.9520, 22.7017, -48.1929



218.0190, 18.2316, 32.4323

Sweetspot

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



219.8270, -54.6377, 24.7077



245.9890, -16.7566, 7.9026



153.1830, -10.4432, 83.1545



122.6880, -10.1992, 4.6586



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.



219.8270, -54.6377, 24.7077



220.2440, -67.1683, 30.4810



218.4000, -53.9342, -14.3828



122.3440, -5.0996, 2.3293



150.4310, -74.1625, 33.8250



48.7630, -24.0402, 10.7318

Inverse Universe

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



137.1730, 54.6377, -24.7077



118.7560, 67.1683, -30.4810



138.6000, 53.9342, 14.3828



114.6560, 5.0996, -2.3293



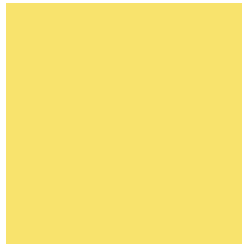
38.5690, 74.1625, -33.8250



12.2370, 24.0402, -10.7318

Previews

White Background



This preview shows how the YUV color 219.8270, -54.6377, 24.7077 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 219.8270, -54.6377, 24.7077 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 219.8270, -54.6377, 24.7077

Background



This preview shows how black text looks on a background with the YUV color 219.8270, -54.6377, 24.7077.

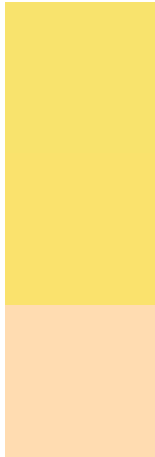


This preview shows how white text looks on a background with the YUV color 219.8270, -54.6377, 24.7077.

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

219.8270, -54.6377, 24.7077

Protanopia

219.8380, -54.6431, 26.4521

Deuteranopia

225.5630, -23.9416, 25.8162



Tritanopia

229.2570, 0.3663, 22.5766

Trichromacy



Original Color

219.8270, -54.6377, 24.7077

Protanomaly

219.5390, -54.4957, 25.8373

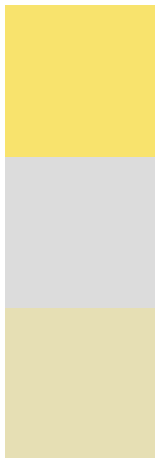
Deuteranomaly

223.5770, -35.2875, 24.9270

Tritanomaly

225.6920, -19.5682, 23.0721

Monochromacy



Original Color

219.8270, -54.6377, 24.7077

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.1910, -19.8142, 8.6025

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.8270, -54.6377, 24.7077 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(248, 227, 109)` looks like.

```
.text, #text, p{  
    color:rgb(248, 227, 109)  
}
```

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(248, 227, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 227, 109) }
```

Border

The CSS property to change the border of an element to YUV 219.8270, -54.6377, 24.7077 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(248, 227, 109) }
```


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

```
.border{ border-color:rgb(248, 227, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 227, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 227, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 227, 109);  
box-shadow:4px 4px 4px 4px rgb(248, 227,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 219.8270, -54.6377, 24.7077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 227, 109) }
```

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

```
.background{ background-color: rgb(248,  
227, 109) }
```

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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