

Converting Colors

YUV(218.2040, -59.7536,
32.2701)

Have a look what the booklet for
YUV(218.2040, -59.7536, 32.2701)
contains.

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Color

**YUV(218.2040, -59.7536,
32.2701)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDF61
RGB	255, 223, 97
RGB Percent	100%, 87%, 38%
CMY	0.0000, 0.1255, 0.6196
CMYK	0.00, 0.13, 0.62, 0.00
HSL	48°, 100%, 69%
HSV	48°, 62%, 100%
XYZ	69.7853, 74.8984, 22.0880
YIQ	218.2040, 59.5180, -32.4020

Conversions

Conversions Part 2

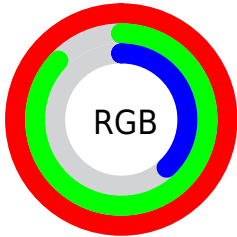
Format	Color
RYB	137, 255, 97
Decimal	16768865
CIELab	89.35, -3.00, 64.11
CIELCh	89, 64.185, 92.682
Yxy	74.8984, 0.4184, 0.4491
Android (android.graphics.Color)	4294958945 (0xFFFFDF61)
YUV	218.2040, -59.7536, 32.2701
Hunter-Lab	86.5439, -7.5169, 45.4485

Details

The YUV color **218.2040, -59.7536, 32.2701** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **133.7960, 59.7536, -32.2701**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.2580, -44.9902, 10.2977**, and **161.4810, -59.8901, 29.3962** is the 20% darker color. If you saturate the color by 10%, you get **212.3050, -69.6634, 37.4435**, and if you desaturate by 10%, it is **223.9890, -50.2806, 27.1966**.

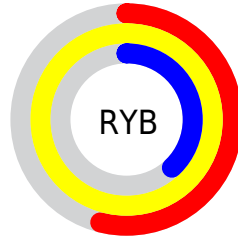
Distribution



Red (100%)

Green (87%)

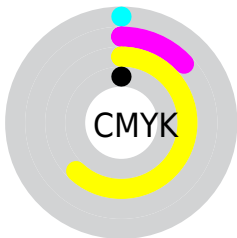
Blue (38%)



Red (54%)

Yellow (100%)

Blue (38%)

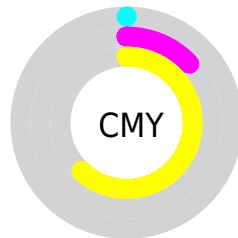


Cyan (0%)

Magenta (13%)

Yellow (62%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.2040, -59.7536, 32.2701 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 218.2040, -59.7536, 32.2701 by changing the saturation by 10% instead.

218.2040,
-59.7536, 32.2701

218.2040,
-59.7536, 32.2701

255.0000, 0.0000,
0.0000

189.7200,
-59.0220, 30.9406

243.2580,
-44.9902, 10.2977

161.4810,
-59.8901, 29.3962

246.4500,
-32.7599, 7.4983

132.9880,
-65.5631, 28.9515

249.7560,
-20.0927, 4.5990

109.6420,
-54.0535, 23.9930

253.0620, -7.4256,
1.6996

86.5950, -42.6913,
19.6492

65.0210, -32.0554,
14.8906

44.0340, -21.7088,

9.6172

■ 25.1180, -12.3832,
5.1585

■ 0.0000, 0.0000,
0.0000

■ 218.2040,
-59.7536, 32.2701

■ 218.2040,
-59.7536, 32.2701

■ 212.3050,
-69.6634, 37.4435

■ 223.9890,
-50.2806, 27.1966

■ 206.5200,
-79.1364, 42.5170

■ 229.8880,
-40.3708, 22.0232

■ 200.6210,
-89.0462, 47.6904

■ 235.7870,
-30.4610, 16.8498

■ 195.4060,
-96.3352, 52.2639

■ 242.1590,
-21.2774, 11.2616

■ 248.0580,
-11.3676, 6.0881

■ 253.8430, -1.8946,
1.0147

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



207.4560, -45.0878, 41.6961



218.2040, -59.7536, 32.2701



211.6260, -46.6506, -17.2120

Triad

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



218.2040, -59.7536, 32.2701



178.1680, 37.8782, -156.2533



212.7360, 20.8362, 37.0655

Complementary

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



218.2040, -59.7536, 32.2701



133.7960, 59.7536, -32.2701

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.



220.5560, 16.9809, 13.5444



218.2040, -59.7536, 32.2701



173.4720, 40.1933, -152.1349

Square

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



218.2040, -59.7536, 32.2701



175.6770, 25.7952, -154.0687



199.9710, 27.1293, -68.3806



202.4030, 9.1683, 46.1276

Rectangle

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



218.2040, -59.7536, 32.2701



204.4930, -28.3440, -55.6834



199.9710, 27.1293, -68.3806



216.8450, 18.8104, 33.4619

Sweetspot

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



218.2040, -59.7536, 32.2701



243.6580, -18.0724, 9.9469



148.1180, -8.4392, 93.7355



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.



218.2040, -59.7536, 32.2701



211.1480, -71.5580, 38.4582



223.5330, -62.3808, -11.8684



124.7570, -4.8102, 2.8441



146.9200, -72.4316, 38.6582



49.0730, -24.1930, 13.0910

Inverse Universe

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



133.7960, 59.7536, -32.2701



110.4390, 71.2686, -38.9730



128.4670, 62.3808, 11.8684



117.6560, 5.0996, -2.3293



44.6670, 72.1422, -39.1730



14.9270, 24.1930, -13.0910

Previews

White Background



This preview shows how the YUV color 218.2040, -59.7536, 32.2701 looks on a white background.

Color Contrast Check

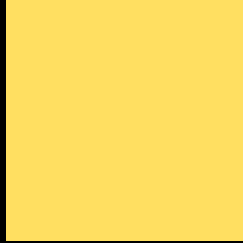
Large Text (above 18pt) WCAG AA × Fail

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 218.2040, -59.7536, 32.2701 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 218.2040, -59.7536, 32.2701 Background



This preview shows how black text looks on a background with the YUV color 218.2040, -59.7536, 32.2701.

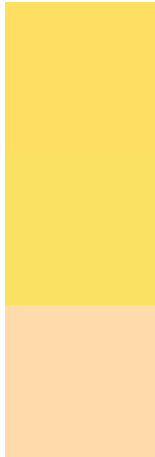


This preview shows how white text looks on a background with the YUV color 218.2040, -59.7536, 32.2701.

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

218.2040, -59.7536, 32.2701

Protanopia

217.9970, -59.1585, 28.0666

Deuteranopia

224.4060, -25.8362, 26.8309



Tritanopia

227.5130, -1.2389, 24.1061

Trichromacy



Original Color

218.2040, -59.7536, 32.2701

Protanomaly

218.0080, -59.1639, 29.8110

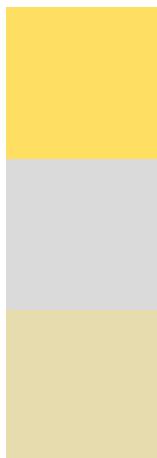
Deuteranomaly

221.9150, -37.9191, 29.0155

Tritanomaly

223.9160, -22.6366, 27.2607

Monochromacy



Original Color

218.2040, -59.7536, 32.2701

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.0450, -21.7142, 11.3615

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.2040, -59.7536, 32.2701 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(255, 223, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 97)  
}
```

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(255, 223, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 97) }
```

Border

The CSS property to change the border of an element to YUV 218.2040, -59.7536, 32.2701 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(255, 223, 97) }
```


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

```
.border{ border-color:rgb(255, 223, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 218.2040, -59.7536, 32.2701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 97) }
```

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

```
.background{ background-color: rgb(255,  
223, 97) }
```

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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