

Converting Colors

YUV(212.3650, -53.9169,
26.8669)

Have a look what the booklet for
YUV(212.3650, -53.9169, 26.8669)
contains.

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Color

**YUV(212.3650, -53.9169,
26.8669)**

Conversions

Conversions Part 1

Format	Color
Hex	F3DA67
RGB	243, 218, 103
RGB Percent	95%, 85%, 40%
CMY	0.0471, 0.1451, 0.5961
CMYK	0.00, 0.10, 0.58, 0.05
HSL	49°, 85%, 68%
HSV	49°, 58%, 95%
XYZ	64.4817, 70.1768, 22.9789
YIQ	212.3650, 51.8150, -30.4650

Conversions

Conversions Part 2

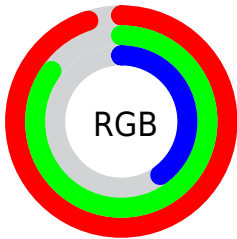
Format	Color
R _Y B	133, 243, 103
Decimal	15981159
CIE Lab	87.08, -4.98, 58.66
CIE LCh	87, 58.867, 94.856
Yxy	70.1768, 0.4091, 0.4452
Android (android.graphics.Color)	4294171239 (0xFFFF3DA67)
YUV	212.3650, -53.9169, 26.8669
Hunter-Lab	83.7716, -9.2029, 42.3766

Details

The YUV color $212.3650, -53.9169, 26.8669$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $133.6350, 53.9169, -26.8669$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.8280, -42.8062, 9.7978$, and $156.2830, -52.8905, 24.3078$ is the 20% darker color. If you saturate the color by 10%, you get $207.2810, -63.2425, 31.3256$, and if you desaturate by 10%, it is $217.4490, -44.5914, 22.4082$.

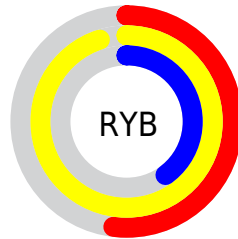
Distribution



Red (95%)

Green (85%)

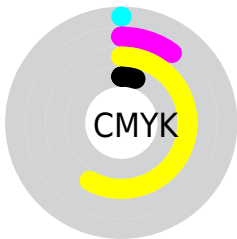
Blue (40%)



Red (52%)

Yellow (95%)

Blue (40%)

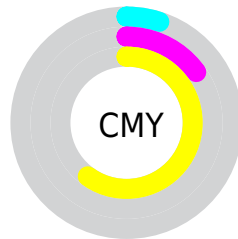


Cyan (0%)

Magenta (10%)

Yellow (58%)

Black (5%)



Cyan (5%)

Magenta (15%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.3650, -53.9169, 26.8669 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 212.3650, -53.9169, 26.8669 by changing the saturation by 10% instead.

■ 212.3650,
-53.9169, 26.8669

■ 212.3650,
-53.9169, 26.8669

■ 255.0000, 0.0000,
0.0000

■ 183.8810,
-53.1853, 25.5374

■ 243.8280,
-42.8062, 9.7978

■ 156.2830,
-52.8905, 24.3078

■ 247.0200,
-30.5759, 6.9985

■ 128.7020,
-55.0691, 23.0633

■ 250.3260,
-17.9087, 4.0991

■ 103.7170,
-51.1325, 20.4192

■ 253.6320, -5.2416,
1.1997

■ 81.5560, -40.2071,
16.1754

■ 59.9820, -29.5711,
11.4168

■ 39.2940, -19.3719,

6.7582

■ 20.0790, -9.8989,
1.6847

■ 0.0000, 0.0000,
0.0000

■ 212.3650,
-53.9169, 26.8669

■ 212.3650,
-53.9169, 26.8669

■ 207.2810,
-63.2425, 31.3256

■ 217.4490,
-44.5914, 22.4082

■ 201.4960,
-72.7155, 36.3990

■ 223.2340,
-35.1184, 17.3348

■ 196.4120,
-82.0411, 40.8577

■ 228.3180,
-25.7928, 12.8761

■ 191.3280,
-91.3667, 45.3163

■ 233.4020,
-16.4672, 8.4174

■ 190.0570,
-93.6981, 46.4310

■ 239.0730, -7.4310,
3.4440

■ 244.2710, 2.3314,
-1.1147

■ 247.3030, 3.7946,
-3.7737

■ 250.2380, 2.3477,
-6.3477

■ 251.4120, 1.7689,
-7.3773

Harmonies

Analogous

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



205.8090, -43.7828, 43.1405



212.3650, -53.9169, 26.8669



205.8090, -40.8248, -19.1265

Triad

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



212.3650, -53.9169, 26.8669



172.8850, 40.4827, -151.6201



210.9750, 21.7043, 38.6099

Complementary

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



212.3650, -53.9169, 26.8669



133.6350, 53.9169, -26.8669

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.



216.7350, 18.8646, 16.0184



212.3650, -53.9169, 26.8669



168.1890, 42.7978, -147.5018

Square

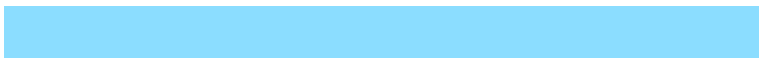
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212.3650, -53.9169, 26.8669



170.7530, 27.2368, -149.7504



200.3580, 26.9385, -53.8110



200.6760, 5.0897, 47.6421

Rectangle

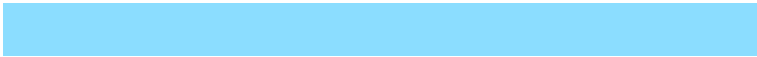
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



212.3650, -53.9169, 26.8669



199.0570, -23.6921, -54.4240



200.3580, 26.9385, -53.8110



214.4970, 19.9680, 35.5211

Sweetspot

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



212.3650, -53.9169, 26.8669



245.4020, -16.4672, 8.4174



147.8240, -9.2802, 83.4694



122.1010, -9.9098, 5.1734



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.



212.3650, -53.9169, 26.8669



216.7390, -67.9053, 33.5549



213.8840, -54.6658, -13.0533



119.4580, -4.6628, 2.2293



145.4250, -71.6945, 35.5843



45.8170, -22.5878, 11.5615

Inverse Universe

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



133.6350, 53.9169, -26.8669



117.2610, 67.9053, -33.5549



132.1160, 54.6658, 13.0533



112.5420, 4.6628, -2.2293



40.5750, 71.6945, -35.5843



12.5960, 22.8772, -11.0467

Previews

White Background



This preview shows how the YUV color 212.3650, -53.9169, 26.8669 looks on a white background.

Color Contrast Check

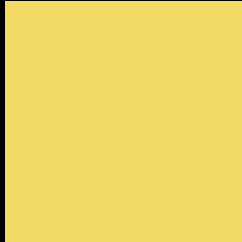
Large Text (above 18pt) WCAG AA × Fail

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 212.3650, -53.9169, 26.8669 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 212.3650, -53.9169, 26.8669

Background



This preview shows how black text looks on a background with the YUV color 212.3650, -53.9169, 26.8669.



This preview shows how white text looks on a background with the YUV color 212.3650, -53.9169, 26.8669.

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

212.3650, -53.9169, 26.8669

Protanopia

212.0660, -53.7695, 26.2521

Deuteranopia

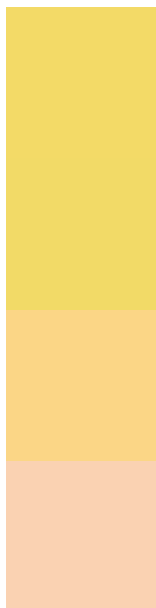
217.3160, -32.6938, 33.0489



Tritanopia

221.4750, -0.2342, 28.5244

Trichromacy



Original Color

212.3650, -53.9169, 26.8669

Protanomaly

212.0660, -53.7695, 26.2521

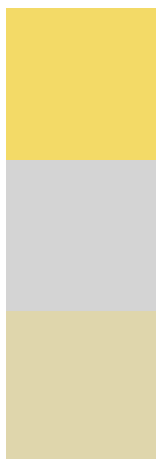
Deuteranomaly

215.9430, -40.3979, 30.7450

Tritanomaly

218.3120, -19.8738, 27.7904

Monochromacy



Original Color

212.3650, -53.9169, 26.8669

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

211.9030, -19.6722, 9.7321

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.3650, -53.9169, 26.8669 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(243, 218, 103)` looks like.

```
.text, #text, p{  
    color:rgb(243, 218, 103)  
}
```

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(243, 218, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 218, 103) }
```

Border

The CSS property to change the border of an element to YUV 212.3650, -53.9169, 26.8669 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(243, 218, 103) }
```


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

```
.border{ border-color:rgb(243, 218, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 218, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 218, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 218, 103); box-shadow:4px 4px 4px 4px rgb(243, 218, 103) }
```

Background

The CSS property to change the background color of an element to YUV 212.3650, -53.9169, 26.8669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 218, 103) }
```

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

```
.background{ background-color: rgb(243,  
218, 103) }
```

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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