

Converting Colors

YUV(206.4710, -61.3642,
35.5439)

Have a look what the booklet for
YUV(206.4710, -61.3642, 35.5439)
contains.

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Color

**YUV(206.4710, -61.3642,
35.5439)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D252
RGB	247, 210, 82
RGB Percent	97%, 82%, 32%
CMY	0.0314, 0.1765, 0.6784
CMYK	0.00, 0.15, 0.67, 0.03
HSL	47°, 91%, 65%
HSV	47°, 67%, 97%
XYZ	62.9274, 66.4765, 17.4973
YIQ	206.4710, 63.1400, -31.9640

Conversions

Conversions Part 2

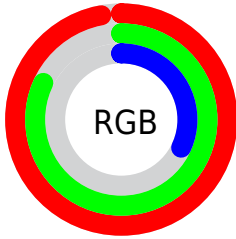
Format	Color
R_{YB}	130, 247, 82
Decimal	16241234
CIE _{Lab}	85.24, -0.59, 65.82
CIE _{LCh}	85, 65.818, 90.515
Yxy	66.4765, 0.4284, 0.4525
Android (android.graphics.Color)	4294431314 (0xFFFF7D252)
YUV	206.4710, -61.3642, 35.5439
Hunter-Lab	81.5331, -4.9165, 44.3494

Details

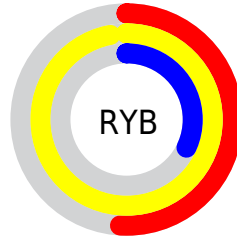
The YUV color **206.4710, -61.3642, 35.5439** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **122.5290, 61.3642, -35.5439**, and the grayscale version is **207.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.5480, -51.5422, 11.7974**, and **149.7650, -63.9741, 32.6551** is the 20% darker color. If you saturate the color by 10%, you get **200.0990, -70.5478, 41.1322**, and if you desaturate by 10%, it is **212.8430, -52.1806, 29.9557**.

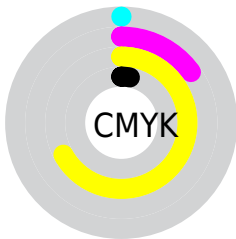
Distribution



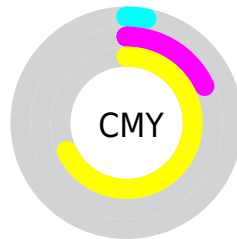
- Red (97%)
- Green (82%)
- Blue (32%)



- Red (51%)
- Yellow (97%)
- Blue (32%)



- Cyan (0%)
- Magenta (15%)
- Yellow (67%)
- Black (3%)



- Cyan (3%)
- Magenta (18%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.4710, -61.3642, 35.5439 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 206.4710, -61.3642, 35.5439 by changing the saturation by 10% instead.

206.4710,
-61.3642, 35.5439

206.4710,
-61.3642, 35.5439

255.0000, 0.0000,
0.0000

178.4600,
-61.3588, 33.7996

241.5480,
-51.5422, 11.7974

149.7650,
-63.9741, 32.6551

244.7400,
-39.3118, 8.9980

123.5520,
-60.9111, 30.2109

247.9320,
-27.0815, 6.1986

100.2060,
-49.4016, 25.2523

251.2380,
-14.4143, 3.2993

77.7460, -38.3288,
20.3938

254.5440, -1.7472,
0.3999

56.7590, -27.9822,
15.1204

36.0710, -17.7830,

10.4617

■ 16.8560, -8.3100,
5.3883

■ 0.0000, 0.0000,
0.0000

■ 206.4710,
-61.3642, 35.5439

■ 206.4710,
-61.3642, 35.5439

■ 200.0990,
-70.5478, 41.1322

■ 212.8430,
-52.1806, 29.9557

■ 194.4280,
-79.5840, 46.1056

■ 218.5140,
-43.1444, 24.9822

■ 188.0560,
-88.7676, 51.6939

■ 224.8860,
-33.9608, 19.3940

■ 186.5570,
-91.9726, 53.0085

■ 230.6710,
-24.4878, 14.3205

237.0430,
-15.3042, 8.7323

242.7140, -6.2680,
3.7588

249.0860, 2.9156,
-1.8294

252.0210, 1.4686,
-4.4034

252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



197.9840, -45.8411, 50.0030



206.4710, -61.3642, 35.5439



200.2520, -49.4242, -14.2530

Triad

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



206.4710, -61.3642, 35.5439



171.7110, 41.0615, -150.5905



206.2790, 24.0195, 42.7283

Complementary

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



206.4710, -61.3642, 35.5439



122.5290, 61.3642, -35.5439

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.



209.0050, 22.6755, 7.0116



206.4710, -61.3642, 35.5439



167.0150, 43.3766, -146.4722

Square

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



206.4710, -61.3642, 35.5439



167.3960, 21.9898, -146.8063



183.0380, 35.4773, -85.9793



193.3870, 10.1622, 54.0346

Rectangle

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



206.4710, -61.3642, 35.5439



192.8200, -30.9703, -53.3391



183.0380, 35.4773, -85.9793



210.3880, 21.9937, 39.1247

Sweetspot

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



206.4710, -61.3642, 35.5439



242.7290, -19.0934, 10.7617



135.7810, -7.2870, 97.5391



120.3570, -11.5150, 6.7029



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.



206.4710, -61.3642, 35.5439



204.7420, -75.7948, 44.0763



215.0340, -65.5858, -10.5538



119.4580, -4.6628, 2.2293



140.1420, -69.0900, 40.2175



44.0560, -21.7196, 13.1059

Inverse Universe

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



122.5290, 61.3642, -35.5439



101.2580, 75.7948, -44.0763



113.9660, 65.5858, 10.5538



113.1290, 4.3734, -2.7441



45.8580, 69.0900, -40.2175



14.3570, 22.0090, -12.5911

Previews

White Background



This preview shows how the YUV color 206.4710, -61.3642, 35.5439 looks on a white background.

Color Contrast Check

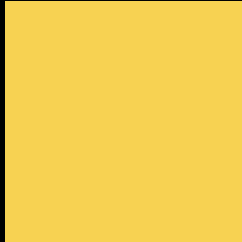
Large Text (above 18pt) WCAG AA × Fail

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 206.4710, -61.3642, 35.5439 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 206.4710, -61.3642, 35.5439

Background



This preview shows how black text looks on a background with the YUV color 206.4710, -61.3642, 35.5439.



This preview shows how white text looks on a background with the YUV color 206.4710, -61.3642, 35.5439.

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

206.4710, -61.3642, 35.5439

Protanopia

205.6550, -60.4689, 28.3666

Deuteranopia

210.9440, -41.8774, 38.6371



Tritanopia

216.6390, -2.2870, 33.6426

Trichromacy



Original Color

206.4710, -61.3642, 35.5439

Protanomaly

205.9650, -60.6217, 30.7257

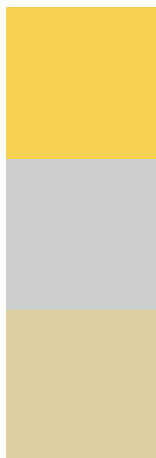
Deuteranomaly

209.3970, -49.0027, 37.3628

Tritanomaly

212.7320, -23.5319, 34.4380

Monochromacy



Original Color

206.4710, -61.3642, 35.5439

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

205.9420, -22.1564, 13.2059

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.4710, -61.3642, 35.5439 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(247, 210, 82)` looks like.

```
.text, #text, p{  
    color:rgb(247, 210, 82)  
}
```

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(247, 210, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 210, 82) }
```

Border

The CSS property to change the border of an element to YUV 206.4710, -61.3642, 35.5439 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(247, 210, 82) }
```


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

```
.border{ border-color:rgb(247, 210, 82) }
```

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

Here you see how a box with a 4 pixel rgb(247, 210, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 210, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 210, 82);  
box-shadow:4px 4px 4px 4px rgb(247, 210,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 206.4710, -61.3642, 35.5439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 210, 82) }
```

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

```
.background{ background-color: rgb(247,  
210, 82) }
```

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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