

Converting Colors

YUV(213.6410, -49.1230,
29.2558)

Have a look what the booklet for
YUV(213.6410, -49.1230, 29.2558)
contains.

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Color

**YUV(213.6410, -49.1230,
29.2558)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D872
RGB	247, 216, 114
RGB Percent	97%, 85%, 45%
CMY	0.0314, 0.1529, 0.5529
CMYK	0.00, 0.13, 0.54, 0.03
HSL	46°, 89%, 71%
HSV	46°, 54%, 97%
XYZ	65.9509, 70.1008, 25.9744
YIQ	213.6410, 51.2180, -25.1500

Conversions

Conversions Part 2

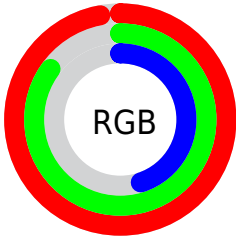
Format	Color
RYB	154, 247, 114
Decimal	16242802
CIELab	87.05, -1.51, 53.63
CIElCh	87, 53.648, 91.614
Yxy	70.1008, 0.4070, 0.4327
Android (android.graphics.Color)	4294432882 (0xFFF7D872)
YUV	213.6410, -49.1230, 29.2558
Hunter-Lab	83.7262, -5.9169, 40.2148

Details

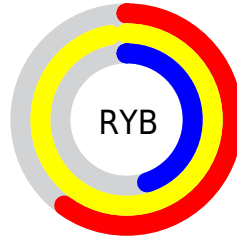
The YUV color $213.6410, -49.1230, 29.2558$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $147.3590, 49.1230, -29.2558$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.0820, -38.0014, 8.6981$, and $157.7870, -47.2230, 26.4968$ is the 20% darker color. If you saturate the color by 10%, you get $207.2690, -58.3066, 34.8441$, and if you desaturate by 10%, it is $220.0130, -39.9394, 23.6676$.

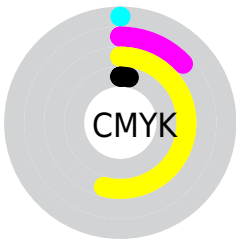
Distribution



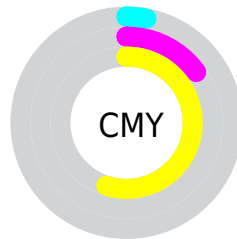
- Red (97%)
- Green (85%)
- Blue (45%)



- Red (60%)
- Yellow (97%)
- Blue (45%)



- Cyan (0%)
- Magenta (13%)
- Yellow (54%)
- Black (3%)



- Cyan (3%)
- Magenta (15%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.6410, -49.1230, 29.2558 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 213.6410, -49.1230, 29.2558 by changing the saturation by 10% instead.

213.6410,
-49.1230, 29.2558

213.6410,
-49.1230, 29.2558

255.0000, 0.0000,
0.0000

185.2710,
-47.9546, 27.8263

245.0820,
-38.0014, 8.6981

157.7870,
-47.2230, 26.4968

248.2740,
-25.7711, 5.8987

130.7760,
-47.2176, 24.7524

251.5800,
-13.1039, 2.9993

103.7390,
-51.1433, 23.9079

254.8860, -0.4368,
0.1000

81.5780, -40.2180,
19.6641

60.0040, -29.5820,
14.9055

39.9030, -19.6722,

9.7321

■ 20.9870, -10.3466,
5.2734

■ 0.0000, 0.0000,
0.0000

■ 213.6410,
-49.1230, 29.2558

■ 213.6410,
-49.1230, 29.2558

■ 207.2690,
-58.3066, 34.8441

■ 220.0130,
-39.9394, 23.6676

■ 201.0110,
-67.0534, 40.3324

■ 226.2710,
-31.1926, 18.1793

■ 195.2260,
-76.5264, 45.4058

■ 232.0560,
-21.7196, 13.1059

■ 188.8540,
-85.7100, 50.9940

■ 238.4280,
-12.5360, 7.5176

■ 184.7960,
-91.1044, 54.5529

■ 244.8000, -3.3524,
1.9294

■ 250.2600, 2.3368,
-2.8590

■ 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.



207.1770, -38.5413, 41.9408



213.6410, -49.1230, 29.2558



208.3090, -39.0993, -12.5490

Triad

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



213.6410, -49.1230, 29.2558



171.7110, 41.0615, -150.5905



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.



213.6410, -49.1230, 29.2558



147.3590, 49.1230, -29.2558

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.



216.3920, 19.0337, 8.4262



213.6410, -49.1230, 29.2558



167.6020, 43.0872, -146.9870

Square

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



213.6410, -49.1230, 29.2558



168.1940, 25.0474, -147.5061



201.2440, 26.5017, -53.7110



204.8820, 5.9742, 43.9535

Rectangle

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



213.6410, -49.1230, 29.2558



202.8950, -24.5982, -43.7579



201.2440, 26.5017, -53.7110



217.4320, 18.5210, 32.9471

Sweetspot

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



213.6410, -49.1230, 29.2558



244.4560, -15.0148, 9.2471



157.3010, -6.0644, 78.6660



121.6280, -9.1836, 5.5882



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.



213.6410, -49.1230, 29.2558



213.1830, -61.2222, 36.6735



221.3730, -52.9349, -8.2201



119.4580, -4.6628, 2.2293



139.5550, -68.8006, 40.7323



44.0560, -21.7196, 13.1059

Inverse Universe

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



147.3590, 49.1230, -29.2558



130.8170, 61.2222, -36.6735



139.6270, 52.9349, 8.2201



113.1290, 4.3734, -2.7441



46.4450, 68.8006, -40.7323



14.9440, 21.7196, -13.1059

Previews

White Background



This preview shows how the YUV color 213.6410, -49.1230, 29.2558 looks on a white background.

Color Contrast Check

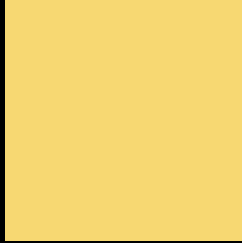
Large Text (above 18pt) WCAG AA × Fail

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 213.6410, -49.1230, 29.2558 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 213.6410, -49.1230, 29.2558

Background



This preview shows how black text looks on a background with the YUV color 213.6410, -49.1230, 29.2558.



This preview shows how white text looks on a background with the YUV color 213.6410, -49.1230, 29.2558.

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

213.6410, -49.1230, 29.2558

Protanopia

212.8360, -48.2331, 23.8228

Deuteranopia

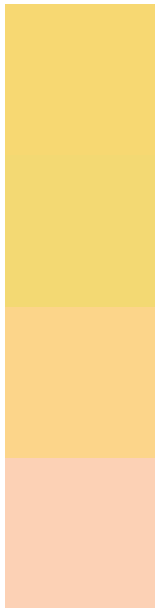
217.4300, -32.2570, 32.9489



Tritanopia

221.6600, -0.8184, 29.2392

Trichromacy



Original Color

213.6410, -49.1230, 29.2558

Protanomaly

213.1460, -48.3860, 26.1820

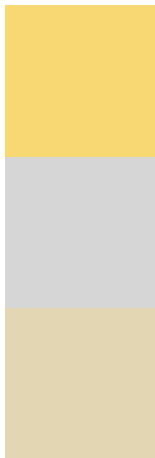
Deuteranomaly

216.1110, -38.5087, 31.4747

Tritanomaly

218.6650, -18.5688, 29.2348

Monochromacy



Original Color

213.6410, -49.1230, 29.2558

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

214.0710, -17.7830, 10.4617

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.6410, -49.1230, 29.2558 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, 216, 114)` looks like.

```
.text, #text, p{  
    color:rgb(247, 216, 114)  
}
```

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, 216, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 216, 114) }
```

Border

The CSS property to change the border of an element to YUV 213.6410, -49.1230, 29.2558 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, 216, 114) }
```


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

```
.border{ border-color:rgb(247, 216, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 216, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 216, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 216, 114);  
box-shadow:4px 4px 4px 4px rgb(247, 216,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 213.6410, -49.1230, 29.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 216, 114) }
```

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

```
.background{ background-color: rgb(247,  
216, 114) }
```

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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