

Converting Colors

YUV(214.3860, -52.4483,
22.4635)

Have a look what the booklet for
YUV(214.3860, -52.4483, 22.4635)
contains.

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Color

**YUV(214.3860, -52.4483,
22.4635)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DE6C
RGB	240, 222, 108
RGB Percent	94%, 87%, 42%
CMY	0.0588, 0.1294, 0.5765
CMYK	0.00, 0.07, 0.55, 0.06
HSL	52°, 81%, 68%
HSV	52°, 55%, 94%
XYZ	64.7632, 71.8505, 24.6425
YIQ	214.3860, 47.3220, -31.6380

Conversions

Conversions Part 2

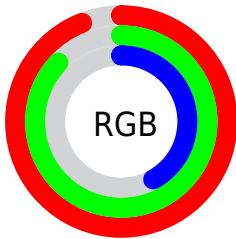
Format	Color
RYB	129, 240, 108
Decimal	15785580
CIELab	87.90, -7.85, 57.25
CIELCh	88, 57.786, 97.807
Yxy	71.8505, 0.4016, 0.4456
Android (android.graphics.Color)	4293975660 (0xFFFF0DE6C)
YUV	214.3860, -52.4483, 22.4635
Hunter-Lab	84.7647, -11.9579, 42.0987

Details

The YUV color $214.3860, -52.4483, 22.4635$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $133.6140, 52.4483, -22.4635$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.3980, -40.6222, 9.2980$, and $158.4180, -50.9851, 19.8044$ is the 20% darker color. If you saturate the color by 10%, you get $209.8890, -62.0633, 26.4073$, and if you desaturate by 10%, it is $218.8830, -42.8333, 18.5196$.

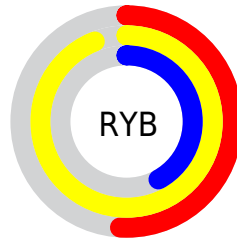
Distribution



Red (94%)

Green (87%)

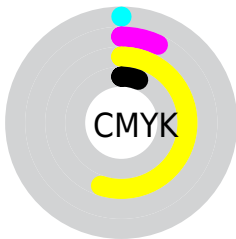
Blue (42%)



Red (51%)

Yellow (94%)

Blue (42%)

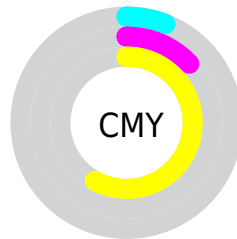


Cyan (0%)

Magenta (7%)

Yellow (55%)

Black (6%)



Cyan (6%)

Magenta (13%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.3860, -52.4483, 22.4635 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 214.3860, -52.4483, 22.4635 by changing the saturation by 10% instead.

■ 214.3860,
-52.4483, 22.4635

■ 214.3860,
-52.4483, 22.4635

■ 255.0000, 0.0000,
0.0000

■ 185.9020,
-51.7167, 21.1339

■ 244.3980,
-40.6222, 9.2980

■ 158.4180,
-50.9851, 19.8044

■ 247.5900,
-28.3919, 6.4986

■ 131.3640,
-52.4375, 18.9748

■ 250.8960,
-15.7247, 3.5992

■ 105.4670,
-51.9952, 17.1304

■ 254.2020, -3.0576,
0.6998

■ 82.7190, -40.7805,
13.4014

■ 61.1450, -30.1445,
8.6428

■ 40.4570, -19.9453,

3.9842

■ 21.5410, -10.6197,
-0.4745

■ 0.0000, 0.0000,
0.0000

■ 214.3860,
-52.4483, 22.4635

■ 214.3860,
-52.4483, 22.4635

■ 209.8890,
-62.0633, 26.4073

■ 218.8830,
-42.8333, 18.5196

■ 204.8050,
-71.3889, 30.8660

■ 223.9670,
-33.5077, 14.0609

■ 200.3080,
-81.0038, 34.8099

■ 228.4640,
-23.8928, 10.1171

■ 195.8110,
-90.6188, 38.7538

■ 232.9610,
-14.2778, 6.1732

■ 193.2690,
-95.2816, 40.9831

■ 237.4580, -4.6628,
2.2293

■ 242.5420, 4.6628,
-2.2293

■ 244.6450, 5.1050,
-4.0737

■ 246.4060, 4.2368,
-5.6181

■ 248.1670, 3.3687,
-7.1625

Harmonies

Analogous

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



208.8580, -44.7930, 40.4665



214.3860, -52.4483, 22.4635



208.1720, -38.0458, -23.8298

Triad

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



214.3860, -52.4483, 22.4635



173.4720, 40.1933, -152.1349



212.1490, 21.1255, 37.5803

Complementary

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



214.3860, -52.4483, 22.4635



133.6140, 52.4483, -22.4635

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.



219.4260, 17.5380, 21.5514



214.3860, -52.4483, 22.4635



168.1890, 42.7978, -147.5018

Square

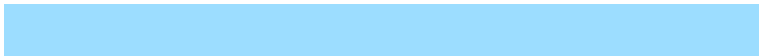
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



214.3860, -52.4483, 22.4635



172.8390, 30.1524, -151.5798



205.4410, 24.4326, -43.3598



202.6820, 2.6218, 45.8829

Rectangle

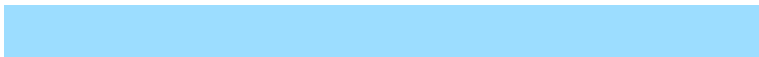
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



214.3860, -52.4483, 22.4635



200.9470, -20.1869, -58.7125



205.4410, 24.4326, -43.3598



215.0840, 19.6786, 35.0063

Sweetspot

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



214.3860, -52.4483, 22.4635



246.5760, -17.0460, 7.3878



149.7480, -10.7218, 79.1510



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.



214.3860, -52.4483, 22.4635



222.3470, -66.7261, 28.6367



211.1980, -50.8766, -15.0826



117.4580, -4.6628, 2.2293



148.3490, -73.1361, 31.2659



44.9200, -22.1456, 9.7172

Inverse Universe

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



133.6140, 52.4483, -22.4635



119.6530, 66.7261, -28.6367



136.8020, 50.8766, 15.0826



109.9550, 4.9522, -1.7145



35.6510, 73.1361, -31.2659



11.0800, 22.1456, -9.7172

Previews

White Background



This preview shows how the YUV color 214.3860, -52.4483, 22.4635 looks on a white background.

Color Contrast Check

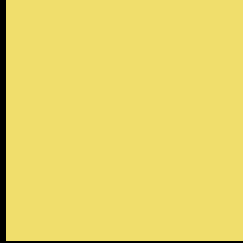
Large Text (above 18pt) WCAG AA × Fail

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 214.3860, -52.4483, 22.4635 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 214.3860, -52.4483, 22.4635

Background



This preview shows how black text looks on a background with the YUV color 214.3860, -52.4483, 22.4635.



This preview shows how white text looks on a background with the YUV color 214.3860, -52.4483, 22.4635.

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

214.3860, -52.4483, 22.4635

Protanopia

214.9950, -52.7485, 25.4374

Deuteranopia

219.9890, -30.0676, 30.7046



Tritanopia

223.3820, 0.7977, 24.2210

Trichromacy



Original Color

214.3860, -52.4483, 22.4635

Protanomaly

214.6960, -52.6011, 24.8226

Deuteranomaly

218.0890, -38.4979, 27.9859

Tritanomaly

220.2190, -18.8420, 23.4869

Monochromacy



Original Color

214.3860, -52.4483, 22.4635

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

214.0060, -19.2300, 7.8877

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.3860, -52.4483, 22.4635 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(240, 222, 108)` looks like.

```
.text, #text, p{  
    color:rgb(240, 222, 108)  
}
```

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(240, 222, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 222, 108) }
```

Border

The CSS property to change the border of an element to YUV 214.3860, -52.4483, 22.4635 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(240, 222, 108) }
```


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

```
.border{ border-color:rgb(240, 222, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 222, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 222, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 222, 108);  
box-shadow:4px 4px 4px 4px rgb(240, 222,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 214.3860, -52.4483, 22.4635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 222, 108) }
```

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

```
.background{ background-color: rgb(240,  
222, 108) }
```

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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