

Converting Colors

YUV(205.8520, -42.3250,
42.2258)

Have a look what the booklet for
YUV(205.8520, -42.3250, 42.2258)
contains.

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Color

**YUV(205.8520, -42.3250,
42.2258)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC678
RGB	254, 198, 120
RGB Percent	100%, 78%, 47%
CMY	0.0039, 0.2235, 0.5294
CMYK	0.00, 0.22, 0.53, 0.00
HSL	35°, 99%, 73%
HSV	35°, 53%, 100%
XYZ	64.4573, 62.8151, 26.4966
YIQ	205.8520, 58.4140, -12.3860

Conversions

Conversions Part 2

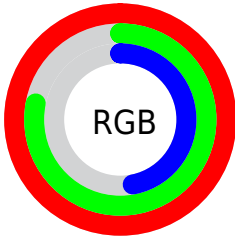
Format	Color
R _Y B	216, 254, 120
Decimal	16696952
CIE Lab	83.34, 11.08, 46.42
CIE LCh	83, 47.723, 76.581
Yxy	62.8151, 0.4192, 0.4085
Android (android.graphics.Color)	4294887032 (0xFFFE678)
YUV	205.8520, -42.3250, 42.2258
Hunter-Lab	79.2560, 6.4726, 35.6576

Details

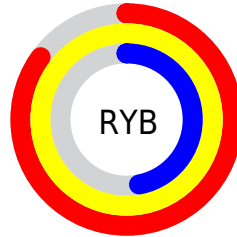
The YUV color $205.8520, -42.3250, 42.2258$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $168.1480, 42.3250, -42.2258$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.7660, -35.3806, 8.0982$, and $150.4000, -40.1302, 38.2372$ is the 20% darker color. If you saturate the color by 10%, you get $196.5450, -50.0617, 50.3880$, and if you desaturate by 10%, it is $215.1590, -34.5884, 34.0636$.

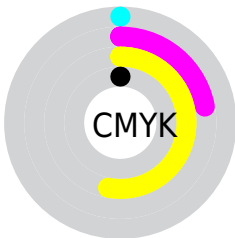
Distribution



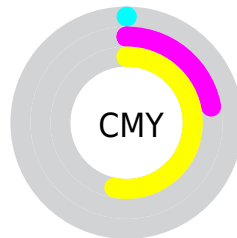
- Red (100%)
- Green (78%)
- Blue (47%)



- Red (85%)
- Yellow (100%)
- Blue (47%)



- Cyan (0%)
- Magenta (22%)
- Yellow (53%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.8520, -42.3250, 42.2258 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 205.8520, -42.3250, 42.2258 by changing the saturation by 10% instead.

205.8520,
-42.3250, 42.2258

205.8520,
-42.3250, 42.2258

255.0000, 0.0000,
0.0000

178.0690,
-41.4460, 40.2815

245.7660,
-35.3806, 8.0982

150.4000,
-40.1302, 38.2372

248.8440,
-23.5871, 5.3988

124.5030,
-39.6880, 36.3929

252.1500,
-10.9200, 2.4994

98.1930, -39.5351,
34.0337

74.2680, -36.6141,
30.4600

52.6940, -25.9781,
25.7014

32.5930, -16.0683,

20.5279

■ 11.3290, -5.5852,
18.1285

■ 0.0000, 0.0000,
0.0000

■ 205.8520,
-42.3250, 42.2258

■ 205.8520,
-42.3250, 42.2258

■ 196.5450,
-50.0617, 50.3880

■ 215.1590,
-34.5884, 34.0636

■ 187.7110,
-58.5245, 58.1355

■ 223.9930,
-26.1255, 26.3161

■ 178.4040,
-66.2612, 66.2977

■ 233.3000,
-18.3889, 18.1539

■ 169.5700,
-74.7240, 74.0451

■ 242.1340, -9.9261,
10.4065

162.8220,
-80.2712, 79.9631

251.4410, -2.1894,
2.2442

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



200.0820, -27.6484, 48.1631



205.8520, -42.3250, 42.2258



202.0990, -40.4748, 8.6832

Triad

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



205.8520, -42.3250, 42.2258



162.0450, 34.4878, -142.1135



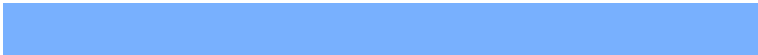
211.7950, 21.3001, 28.2438

Complementary

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



205.8520, -42.3250, 42.2258



168.1480, 42.3250, -42.2258

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.



203.2360, 25.5197, -18.6240



205.8520, -42.3250, 42.2258



162.9060, 45.4023, -142.8686

Square

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



205.8520, -42.3250, 42.2258



186.0000, -0.4930, -75.4220



186.3380, 33.8504, -77.4724



204.6030, 12.5207, 44.1982

Rectangle

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



205.8520, -42.3250, 42.2258



198.5240, -31.8103, -17.1225



186.3380, 33.8504, -77.4724



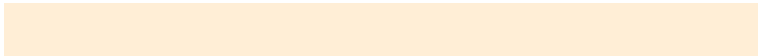
209.0490, 22.6538, 13.9890

Sweetspot

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



205.8520, -42.3250, 42.2258



240.3470, -12.9891, 12.8507



166.6780, 5.5817, 76.5814



118.6930, -7.7366, 8.1622



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.



205.8520, -42.3250, 42.2258



197.3170, -50.9353, 50.5880



236.0330, -57.2043, 7.8641



122.9960, -3.9420, 4.3885



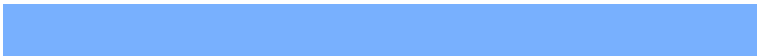
122.2660, -60.2771, 60.2797



40.8550, -20.1415, 20.2982

Inverse Universe

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



168.1480, 42.3250, -42.2258



151.6830, 50.9353, -50.5880



137.9670, 57.2043, -7.8641



119.4170, 4.2314, -3.8737



68.7340, 60.2771, -60.2797



23.1450, 20.1415, -20.2982

Previews

White Background



This preview shows how the YUV color 205.8520, -42.3250, 42.2258 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 205.8520, -42.3250, 42.2258 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 205.8520, -42.3250, 42.2258

Background



This preview shows how black text looks on a background with the YUV color 205.8520, -42.3250, 42.2258.



This preview shows how white text looks on a background with the YUV color 205.8520, -42.3250, 42.2258.

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

205.8520, -42.3250, 42.2258

Protanopia

204.4040, -39.6392, 20.6937

Deuteranopia

205.5530, -42.1776, 41.6110



Tritanopia

211.5040, -4.1925, 38.1460

Trichromacy



Original Color

205.8520, -42.3250, 42.2258

Protanomaly

204.6330, -40.2451, 28.3859

Deuteranomaly

205.5530, -42.1776, 41.6110

Tritanomaly

209.8450, -18.1646, 39.6009

Monochromacy



Original Color

205.8520, -42.3250, 42.2258

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

205.7880, -15.1785, 15.0949

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.8520, -42.3250, 42.2258 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(254, 198, 120)` looks like.

```
.text, #text, p{  
    color:rgb(254, 198, 120)  
}
```

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(254, 198, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 198, 120) }
```

Border

The CSS property to change the border of an element to YUV 205.8520, -42.3250, 42.2258 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(254, 198, 120) }
```


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

```
.border{ border-color:rgb(254, 198, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 198, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 198, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 198, 120);  
box-shadow:4px 4px 4px 4px rgb(254, 198,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 205.8520, -42.3250, 42.2258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 198, 120) }
```

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

```
.background{ background-color: rgb(254,  
198, 120) }
```

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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