

Converting Colors

YUV(210.5140, -63.3574,
21.4742)

Have a look what the booklet for
YUV(210.5140, -63.3574, 21.4742)
contains.

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Color

**YUV(210.5140, -63.3574,
21.4742)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDF52
RGB	235, 223, 82
RGB Percent	92%, 87%, 32%
CMY	0.0784, 0.1255, 0.6784
CMYK	0.00, 0.05, 0.65, 0.08
HSL	55°, 79%, 62%
HSV	55°, 65%, 92%
XYZ	62.1716, 71.0467, 18.4192
YIQ	210.5140, 52.4130, -41.3070

Conversions

Conversions Part 2

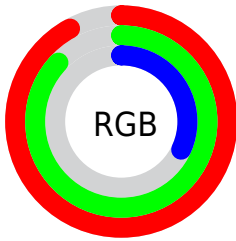
Format	Color
R _Y B	95, 235, 82
Decimal	15458130
CIE Lab	87.51, -12.12, 67.85
CIE LCh	88, 68.924, 100.130
Yxy	71.0467, 0.4100, 0.4685
Android (android.graphics.Color)	4293648210 (0xFFEBDF52)
YUV	210.5140, -63.3574, 21.4742
Hunter-Lab	84.2892, -15.8448, 46.0461

Details

The YUV color **210.5140, -63.3574, 21.4742** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **106.4860, 63.3574, -21.4742**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.6620, -51.1054, 11.6974**, and **153.0640, -67.5726, 20.1149** is the 20% darker color. If you saturate the color by 10%, you get **206.6040, -73.2618, 24.9033**, and if you desaturate by 10%, it is **214.4240, -53.4530, 18.0452**.

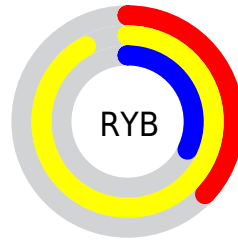
Distribution



Red (92%)

Green (87%)

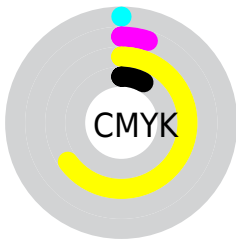
Blue (32%)



Red (37%)

Yellow (92%)

Blue (32%)

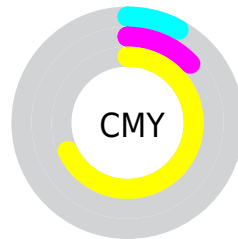


Cyan (0%)

Magenta (5%)

Yellow (65%)

Black (8%)



Cyan (8%)

Magenta (13%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.5140, -63.3574, 21.4742 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 210.5140, -63.3574, 21.4742 by changing the saturation by 10% instead.

■ 210.5140,
-63.3574, 21.4742

■ 210.5140,
-63.3574, 21.4742

■ 255.0000, 0.0000,
0.0000

■ 181.8020,
-63.4994, 20.3446

■ 241.6620,
-51.1054, 11.6974

■ 153.0640,
-67.5726, 20.1149

■ 244.8540,
-38.8750, 8.8980

■ 127.3070,
-62.7624, 17.2708

■ 248.0460,
-26.6447, 6.0987

■ 104.2600,
-51.4002, 12.9270

■ 251.3520,
-13.9775, 3.1993

■ 81.5120, -40.1854,
9.1980

■ 254.7720, -0.8736,
0.2000

■ 59.6390, -29.4020,
3.8246

■ 39.2500, -19.3502,

-0.2193

■ 19.1380, -9.4350,
-7.1370

■ 0.0000, 0.0000,
0.0000

■ 210.5140,
-63.3574, 21.4742

■ 210.5140,
-63.3574, 21.4742

■ 206.6040,
-73.2618, 24.9033

■ 214.4240,
-53.4530, 18.0452

■ 202.8080,
-82.7293, 28.2324

■ 218.2200,
-43.9855, 14.7161

■ 199.0120,
-92.1969, 31.5615

■ 222.1300,
-34.0811, 11.2870

■ 197.6440,
-97.4385, 32.7612

■ 225.3390,
-24.3241, 8.4727

■ 229.2490,
-14.4198, 5.0436

■ 233.0450, -4.9522,
1.7145

■ 236.9550, 4.9522,
-1.7145

■ 239.0410, 7.8678,
-3.5440

■ 240.2150, 7.2890,
-4.5736

Harmonies

Analogous

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



204.2470, -54.8448, 44.5104



210.5140, -63.3574, 21.4742



202.3250, -43.5442, -33.6110

Triad

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



210.5140, -63.3574, 21.4742



175.2330, 39.3251, -153.6793



204.5180, 24.8876, 44.2727

Complementary

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



210.5140, -63.3574, 21.4742



106.4860, 63.3574, -21.4742

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.



218.0080, 18.2371, 30.6880



210.5140, -63.3574, 21.4742



168.7760, 42.5084, -148.0166

Square

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



210.5140, -63.3574, 21.4742



175.2840, 31.9050, -153.7241



199.7820, 27.2225, -51.5518



193.5520, 3.1789, 53.8899

Rectangle

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



210.5140, -63.3574, 21.4742



191.2170, -19.8270, -80.8743



199.7820, 27.2225, -51.5518



208.6270, 22.8619, 40.6691

Sweetspot

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



210.5140, -63.3574, 21.4742



246.8380, -21.1191, 7.1581



129.2290, -16.8749, 92.7612



122.7050, -12.6726, 4.6437



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.



210.5140, -63.3574, 21.4742



222.9220, -82.2925, 28.1324



198.4220, -57.3960, -24.0491



115.1590, -4.5154, 1.6146



152.1480, -75.0090, 25.3032



44.9090, -22.1401, 7.9728

Inverse Universe

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



106.4860, 63.3574, -21.4742



88.0780, 82.2925, -28.1324



118.5780, 57.3960, 24.0491



107.2540, 4.8048, -1.0998



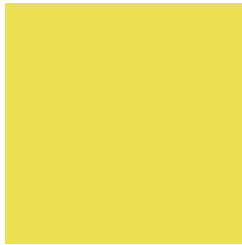
28.8520, 75.0090, -25.3032



8.5040, 22.4295, -7.4580

Previews

White Background



This preview shows how the YUV color 210.5140, -63.3574, 21.4742 looks on a white background.

Color Contrast Check

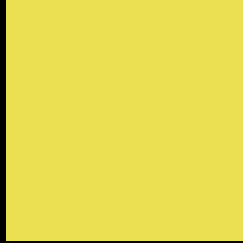
Large Text (above 18pt) WCAG AA × Fail

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 210.5140, -63.3574, 21.4742 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 210.5140, -63.3574, 21.4742 Background



This preview shows how black text looks on a background with the YUV color 210.5140, -63.3574, 21.4742.



This preview shows how white text looks on a background with the YUV color 210.5140, -63.3574, 21.4742.

21.4742.

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

210.5140, -63.3574, 21.4742

Protanopia

211.6290, -64.4001, 29.2664

Deuteranopia

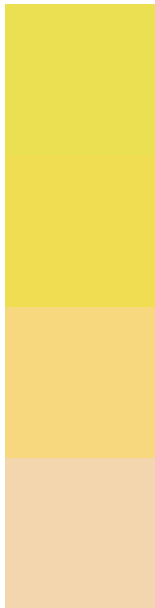
218.0170, -32.5464, 32.4341



Tritanopia

222.4850, 1.2399, 22.3767

Trichromacy



Original Color

210.5140, -63.3574, 21.4742

Protanomaly

211.0200, -64.0999, 26.2925

Deuteranomaly

215.4220, -43.5920, 28.5709

Tritanomaly

217.9970, -22.1835, 21.9276

Monochromacy



Original Color

210.5140, -63.3574, 21.4742

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

210.6810, -23.0137, 8.1728

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.5140, -63.3574, 21.4742 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(235, 223, 82)` looks like.

```
.text, #text, p{  
    color:rgb(235, 223, 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(235, 223, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 223, 82) }
```

Border

The CSS property to change the border of an element to YUV 210.5140, -63.3574, 21.4742 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(235, 223, 82) }
```


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

```
.border{ border-color:rgb(235, 223, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 223, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 223, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 223, 82);  
box-shadow:4px 4px 4px 4px rgb(235, 223,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 210.5140, -63.3574, 21.4742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 223, 82) }
```

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

```
.background{ background-color: rgb(235,  
223, 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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