

Converting Colors

YUV(172.5240, -38.7123,
-43.4325)

Have a look what the booklet for
YUV(172.5240, -38.7123, -43.4325)
contains.

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Color

**YUV(172.5240, -38.7123,
-43.4325)**

Conversions

Conversions Part 1

Format	Color
Hex	7BD55E
RGB	123, 213, 94
RGB Percent	48%, 84%, 37%
CMY	0.5176, 0.1647, 0.6314
CMYK	0.42, 0.00, 0.56, 0.16
HSL	105°, 59%, 60%
HSV	105°, 56%, 84%
XYZ	33.9830, 52.6076, 18.9529
YIQ	172.5240, -15.4410, -56.0890

Conversions

Conversions Part 2

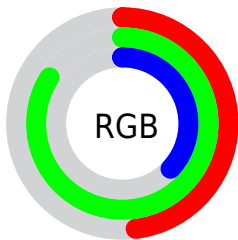
Format	Color
RYB	94, 213, 184
Decimal	8115550
CIELab	77.64, -48.76, 49.78
CIELCh	78, 69.681, 134.402
Yxy	52.6076, 0.3220, 0.4984
Android (android.graphics.Color)	4286305630 (0xFF7BD55E)
YUV	172.5240, -38.7123, -43.4325
Hunter-Lab	72.5311, -43.2968, 35.2789

Details

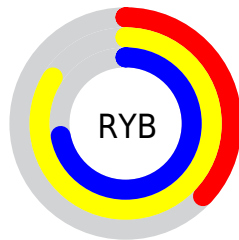
The YUV color **172.5240, -38.7123, -43.4325** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **134.4760, 38.7123, 43.4325**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.2630, -36.1187, -35.3107**, and **116.8550, -37.3965, -45.4768** is the 20% darker color. If you saturate the color by 10%, you get **165.3460, -45.5266, -51.1694**, and if you desaturate by 10%, it is **179.7020, -31.8981, -35.6957**.

Distribution



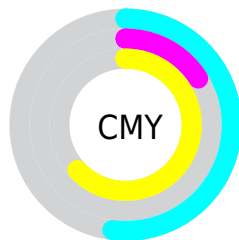
- Red (48%)
- Green (84%)
- Blue (37%)



- Red (37%)
- Yellow (84%)
- Blue (72%)



- Cyan (42%)
- Magenta (0%)
- Yellow (56%)
- Black (16%)



- Cyan (52%)
- Magenta (16%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.5240, -38.7123, -43.4325 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 172.5240, -38.7123, -43.4325 by changing the saturation by 10% instead.

■ 172.5240,
-38.7123, -43.4325

■ 172.5240,
-38.7123, -43.4325

255.0000, 0.0000,
0.0000

■ 144.7520,
-37.8387, -43.6325

■ 220.2630,
-36.1187, -35.3107

■ 116.8550,
-37.3965, -45.4768

■ 232.1260,
-28.1631, -20.2815

■ 87.2630, -39.5697,
-48.4657

■ 244.2880,
-20.3550, -4.6376

■ 61.6350, -30.3861,
-54.0539

■ 252.3780,
-10.0464, 2.2995

■ 46.9600, -23.1513,
-41.1839

■ 32.8720, -16.2059,
-28.8287

■ 19.9580, -9.8393,

-17.5032

■ 0.0000, 0.0000,
0.0000

■ 172.5240,
-38.7123, -43.4325

■ 172.5240,
-38.7123, -43.4325

■ 165.3460,
-45.5266, -51.1694

■ 179.7020,
-31.8981, -35.6957

■ 158.0540,
-52.7776, -58.8064

■ 186.9940,
-24.6470, -28.0587

■ 150.8760,
-59.5919, -66.5433

■ 194.1720,
-17.8328, -20.3218

■ 143.6980,
-66.4061, -74.2801

■ 201.3500,
-11.0185, -12.5849

■ 140.5790,
-69.3054, -77.6838

■ 208.9410, -3.9149,
-4.3333

■ 216.1190, 2.8993,
3.4036

■ 223.2970, 9.7136,
11.1405

■ 229.4490, 12.5966,
19.7772

■ 230.3460, 12.1544,
21.6216

Harmonies

Analogous

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



181.2850, -62.7515, 13.7821



172.5240, -38.7123, -43.4325



147.3970, 3.7483, -129.2672

Triad

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



172.5240, -38.7123, -43.4325



151.7530, 50.9008, -133.0874



172.8980, -4.8797, 72.0035

Complementary

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



172.5240, -38.7123, -43.4325



134.4760, 38.7123, 43.4325

Split Complementary

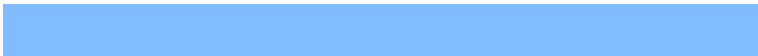
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



182.6560, 22.3546, 63.4457



172.5240, -38.7123, -43.4325



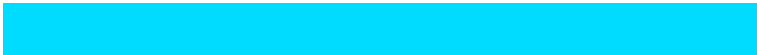
177.6980, 38.1099, -43.5851

Square

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



172.5240, -38.7123, -43.4325



158.2100, 47.7175, -138.7502



193.8420, 30.1509, 36.0956



176.7380, -35.8598, 68.6358

Rectangle

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



172.5240, -38.7123, -43.4325



153.7010, 22.8254, -134.7958



193.8420, 30.1509, 36.0956



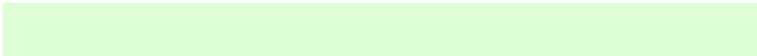
174.2320, 5.3086, 70.8335

Sweetspot

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



172.5240, -38.7123, -43.4325



240.2310, -13.9179, -15.9886



181.8240, -43.2972, 27.3414



119.0560, -8.4086, -9.6961



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.



172.5240, -38.7123, -43.4325



196.9350, -55.6770, -62.2100



167.2730, -21.3336, -64.2604



103.3540, -3.6255, -3.8185



112.9350, -55.6770, -62.2100



28.5300, -14.0653, -15.3738

Inverse Universe

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



134.4760, 38.7123, 43.4325



142.0650, 55.6770, 62.2100



139.7270, 21.3336, 64.2604



99.6460, 3.6255, 3.8185



58.0650, 55.6770, 62.2100



14.7690, 13.9179, 15.9886

Previews

White Background



This preview shows how the YUV color 172.5240, -38.7123, -43.4325 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 172.5240, -38.7123, -43.4325 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 172.5240, -38.7123, -43.4325 Background



This preview shows how black text looks on a background with the YUV color 172.5240, -38.7123, -43.4325.



This preview shows how white text looks on a background with the YUV color 172.5240, -38.7123, -43.4325.

-43.4325.

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

172.5240, -38.7123, -43.4325

Protanopia

185.4230, -48.5225, 23.3080

Deuteranopia

188.4280, -42.6090, 39.9666



Tritanopia

185.3790, 15.0962, -35.4124

Trichromacy



Original Color

172.5240, -38.7123, -43.4325



Protanomaly

180.8930, -44.8102, -0.7832



Deuteranomaly

182.5830, -41.2064, 10.0127



Tritanomaly

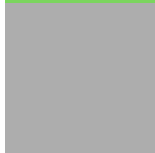
180.9060, -4.3907, -38.5056

Monochromacy



Original Color

172.5240, -38.7123, -43.4325



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

173.1170, -14.3547, -15.8886

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.5240, -38.7123, -43.4325 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(123, 213, 94)` looks like.

```
.text, #text, p{  
    color:rgb(123, 213, 94)  
}
```

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(123, 213, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 213, 94) }
```

Border

The CSS property to change the border of an element to YUV 172.5240, -38.7123, -43.4325 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(123, 213, 94) }
```


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

```
.border{ border-color:rgb(123, 213, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 213, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 213, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 213, 94);  
box-shadow:4px 4px 4px 4px rgb(123, 213,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 172.5240, -38.7123, -43.4325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 213, 94) }
```

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

```
.background{ background-color: rgb(123,  
213, 94) }
```

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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