

Converting Colors

YUV(217.8170, -63.0138,
4.5455)

Have a look what the booklet for
YUV(217.8170, -63.0138, 4.5455)
contains.

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Color

**YUV(217.8170, -63.0138,
4.5455)**

Conversions

Conversions Part 1

Format	Color
Hex	DFF05A
RGB	223, 240, 90
RGB Percent	87%, 94%, 35%
CMY	0.1255, 0.0588, 0.6471
CMYK	0.07, 0.00, 0.62, 0.06
HSL	67°, 83%, 65%
HSV	67°, 62%, 94%
XYZ	63.4370, 78.7463, 21.5289
YIQ	217.8170, 38.0180, -50.2540

Conversions

Conversions Part 2

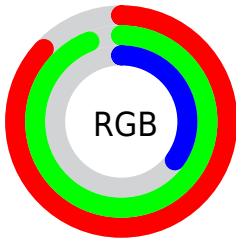
Format	Color
RYB	90, 240, 107
Decimal	14676058
CIELab	91.12, -24.77, 68.17
CIELCh	91, 72.532, 109.965
Yxy	78.7463, 0.3875, 0.4810
Android (android.graphics.Color)	4292866138 (0xFFDFF05A)
YUV	217.8170, -63.0138, 4.5455
Hunter-Lab	88.7391, -27.6891, 47.7331

Details

The YUV color **217.8170, -63.0138, 4.5455** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **112.1830, 63.0138, -4.5455**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.5740, -47.6110, 10.8976**, and **160.4210, -65.7766, 4.0158** is the 20% darker color. If you saturate the color by 10%, you get **214.1840, -73.0547, 5.1006**, and if you desaturate by 10%, it is **221.4500, -52.9729, 3.9903**.

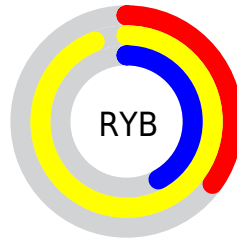
Distribution



Red (87%)

Green (94%)

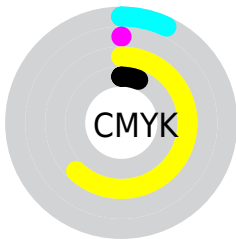
Blue (35%)



Red (35%)

Yellow (94%)

Blue (42%)

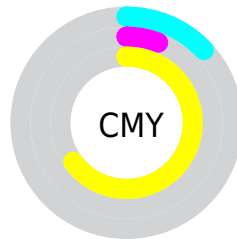


Cyan (7%)

Magenta (0%)

Yellow (62%)

Black (6%)



Cyan (13%)

Magenta (6%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.8170, -63.0138, 4.5455 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 217.8170, -63.0138, 4.5455 by changing the saturation by 10% instead.

217.8170,
-63.0138, 4.5455

217.8170,
-63.0138, 4.5455

255.0000, 0.0000,
0.0000

189.4040,
-63.3032, 4.0307

242.5740,
-47.6110, 10.8976

160.4210,
-65.7766, 4.0158

245.7660,
-35.3806, 8.0982

132.8230,
-65.4817, 2.7862

249.0720,
-22.7135, 5.1989

109.1890,
-53.8302, -1.0428

252.3780,
-10.0464, 2.2995

86.4410, -42.6154,
-4.7718

64.2800, -31.6900,
-9.0156

42.4070, -20.9067,

-14.3889

■ 21.7190, -10.7075,
-19.0476

■ 4.6960, -2.3151,
-4.1184

■ 217.8170,
-63.0138, 4.5455

■ 217.8170,
-63.0138, 4.5455

■ 214.1840,
-73.0547, 5.1006

■ 221.4500,
-52.9729, 3.9903

■ 210.8500,
-83.2431, 6.2705

■ 224.7840,
-42.7845, 2.8204

■ 207.2170,
-93.2840, 6.8257

■ 228.4170,
-32.7436, 2.2653

■ 204.5670,
-100.8515, 7.3957

■ 232.0500,
-22.7027, 1.7101

■ 235.6830,
-12.6617, 1.1550

■ 239.0170, -2.4734,
-0.0149

■ 242.3080, 6.2572,
-0.2701

■ 243.2050, 5.8149,
1.5742

■ 243.8030, 5.5201,
2.8038

Harmonies

Analogous

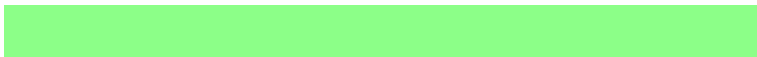
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214.0150, -63.1114, 35.9438



217.8170, -63.0138, 4.5455



207.0490, -35.0272, -58.8020

Triad

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



217.8170, -63.0138, 4.5455



178.7550, 37.5888, -156.7681



205.1050, 24.5982, 43.7579

Complementary

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



217.8170, -63.0138, 4.5455



112.1830, 63.0138, -4.5455

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.



218.0190, 18.2316, 32.4323



217.8170, -63.0138, 4.5455



172.2980, 40.7721, -151.1053

Square

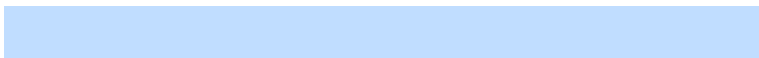
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217.8170, -63.0138, 4.5455



178.7550, 37.5888, -156.7681



216.2050, 19.1259, -21.2278



197.2390, -5.5408, 50.6564

Rectangle

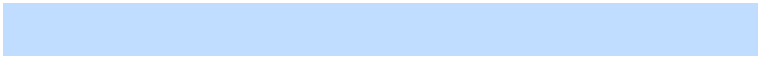
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



217.8170, -63.0138, 4.5455



179.6590, -0.3249, -129.4969



216.2050, 19.1259, -21.2278



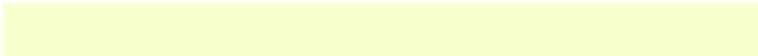
208.6270, 22.8619, 40.6691

Sweetspot

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



217.8170, -63.0138, 4.5455



248.0330, -20.2293, 1.7251



143.6550, -26.4519, 84.4946



123.3840, -12.5143, 0.5402



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.



217.8170, -63.0138, 4.5455



226.6480, -80.1855, 5.5707



195.9900, -52.2531, -40.3332



118.0340, -4.9468, -0.0298



156.7450, -77.2753, 5.4856



47.8220, -23.5762, 1.9101

Inverse Universe

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



112.1830, 63.0138, -4.5455



92.0530, 80.3329, -6.1855



134.0100, 52.2531, 40.3332



109.6670, 5.0942, -0.5850



27.2550, 77.2753, -5.4856



8.1780, 23.5762, -1.9101

Previews

White Background



This preview shows how the YUV color 217.8170, -63.0138, 4.5455 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 217.8170, -63.0138, 4.5455 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 217.8170, -63.0138, 4.5455

Background



This preview shows how black text looks on a background with the YUV color 217.8170, -63.0138, 4.5455.



This preview shows how white text looks on a background with the YUV color 217.8170, -63.0138, 4.5455.

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

217.8170, -63.0138, 4.5455

Protanopia

222.0850, -62.6529, 28.8665

Deuteranopia

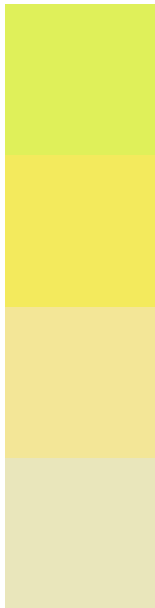
228.9370, -21.1679, 22.8573



Tritanopia

231.1240, 5.3619, 6.9073

Trichromacy



Original Color

217.8170, -63.0138, 4.5455

Protanomaly

220.6170, -62.9152, 19.6299

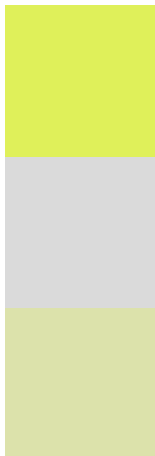
Deuteranomaly

224.8810, -36.4233, 15.8904

Tritanomaly

225.9950, -19.2245, 6.1434

Monochromacy



Original Color

217.8170, -63.0138, 4.5455

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.9360, -23.1394, 1.8101

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.8170, -63.0138, 4.5455 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(223, 240, 90)` looks like.

```
.text, #text, p{  
    color:rgb(223, 240, 90)  
}
```

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(223, 240, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 240, 90) }
```

Border

The CSS property to change the border of an element to YUV 217.8170, -63.0138, 4.5455 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(223, 240, 90) }
```


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

```
.border{ border-color:rgb(223, 240, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 240, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 240, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 240, 90);  
box-shadow:4px 4px 4px 4px rgb(223, 240,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 217.8170, -63.0138, 4.5455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 240, 90) }
```

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

```
.background{ background-color: rgb(223,  
240, 90) }
```

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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