

Converting Colors

YUV(194.7460, -55.0908,
30.0408)

Have a look what the booklet for
YUV(194.7460, -55.0908, 30.0408)
contains.

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Color

**YUV(194.7460, -55.0908,
30.0408)**

Conversions

Conversions Part 1

Format	Color
Hex	E5C753
RGB	229, 199, 83
RGB Percent	90%, 78%, 33%
CMY	0.1020, 0.2196, 0.6745
CMYK	0.00, 0.13, 0.64, 0.10
HSL	48°, 74%, 61%
HSV	48°, 64%, 90%
XYZ	54.2979, 58.1294, 16.5419
YIQ	194.7460, 55.1160, -29.7160

Conversions

Conversions Part 2

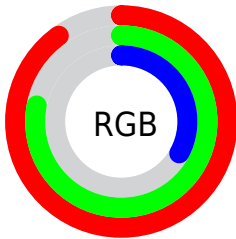
Format	Color
RYB	121, 229, 83
Decimal	15058771
CIELab	80.81, -2.41, 60.20
CIELCh	81, 60.245, 92.294
Yxy	58.1294, 0.4210, 0.4507
Android (android.graphics.Color)	4293248851 (0xFFE5C753)
YUV	194.7460, -55.0908, 30.0408
Hunter-Lab	76.2426, -6.3019, 40.5061

Details

The YUV color **194.7460, -55.0908, 30.0408** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **117.2540, 55.0908, -30.0408**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.5480, -51.5422, 11.7974**, and **138.9090, -55.6641, 27.2668** is the 20% darker color. If you saturate the color by 10%, you get **189.1890, -63.6902, 34.9142**, and if you desaturate by 10%, it is **200.3030, -46.4914, 25.1673**.

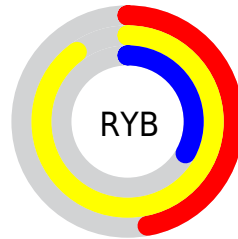
Distribution



Red (90%)

Green (78%)

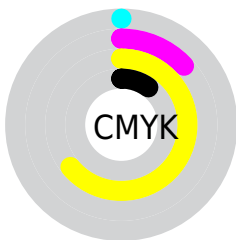
Blue (33%)



Red (47%)

Yellow (90%)

Blue (33%)

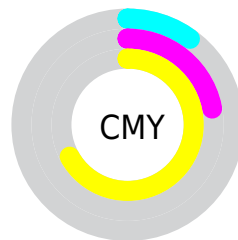


Cyan (0%)

Magenta (13%)

Yellow (64%)

Black (10%)



Cyan (10%)

Magenta (22%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.7460, -55.0908, 30.0408 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 194.7460, -55.0908, 30.0408 by changing the saturation by 10% instead.

■ 194.7460,
-55.0908, 30.0408

■ 194.7460,
-55.0908, 30.0408

■ 255.0000, 0.0000,
0.0000

■ 166.8490,
-54.6486, 28.1964

■ 241.5480,
-51.5422, 11.7974

■ 138.9090,
-55.6641, 27.2668

■ 244.7400,
-39.3118, 8.9980

■ 112.8980,
-55.6587, 25.5225

■ 247.9320,
-27.0815, 6.1986

■ 89.8510, -44.2965,
21.1787

■ 251.1240,
-14.8511, 3.3993

■ 68.2770, -33.6606,
16.4201

■ 254.5440, -1.7472,
0.3999

■ 47.2900, -23.3140,
11.1467

■ 27.4880, -13.5516,

6.5880

■ 2.9350, -1.4470,
-2.5740

■ 0.0000, 0.0000,
0.0000

■ 194.7460,
-55.0908, 30.0408

■ 194.7460,
-55.0908, 30.0408

■ 189.1890,
-63.6902, 34.9142

■ 200.3030,
-46.4914, 25.1673

■ 184.2190,
-72.5790, 39.2729

■ 205.2730,
-37.6026, 20.8086

■ 178.6620,
-81.1784, 44.1464

■ 210.8300,
-29.0032, 15.9351

■ 175.3050,
-86.4254, 47.0905

■ 216.3870,
-20.4038, 11.0616

■ 221.9440,
-11.8044, 6.1881

■ 226.8000, -3.3524,
1.9294

■ 232.3570, 5.2470,
-2.9441

■ 236.6600, 9.0416,
-6.7178

■ 239.0080, 7.8841,
-8.7770

Harmonies

Analogous

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



192.8320, -45.2732, 54.5213



194.7460, -55.0908, 30.0408



188.8480, -43.3091, -15.6527

Triad

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



194.7460, -55.0908, 30.0408



162.9060, 45.4023, -142.8686



200.8820, 26.1872, 47.4615

Complementary

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



194.7460, -55.0908, 30.0408



117.2540, 55.0908, -30.0408

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.



199.8680, 27.1801, 8.8858



194.7460, -55.0908, 30.0408



158.2100, 47.7175, -138.7502

Square

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



194.7460, -55.0908, 30.0408



157.5650, 22.3995, -138.1845



179.9030, 37.0228, -68.3209



188.1550, 5.3466, 58.6231

Rectangle

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



194.7460, -55.0908, 30.0408



182.0960, -26.1763, -50.9502



179.9030, 37.0228, -68.3209



204.5180, 24.8876, 44.2727

Sweetspot

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



194.7460, -55.0908, 30.0408



243.6580, -18.0724, 9.9469



130.3020, -7.5439, 86.5581



120.4710, -11.0782, 6.6029



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.



194.7460, -55.0908, 30.0408



209.1760, -74.0368, 40.1876



200.0970, -57.7288, -10.6091



111.8710, -4.3734, 2.7441



136.8750, -67.4794, 36.9436



39.3160, -19.3828, 10.2469

Inverse Universe

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



117.2540, 55.0908, -30.0408



104.8240, 74.0368, -40.1876



111.9030, 57.7288, 10.6091



106.1290, 4.3734, -2.7441



42.1250, 67.4794, -36.9436



11.6840, 19.3828, -10.2469

Previews

White Background



This preview shows how the YUV color 194.7460, -55.0908, 30.0408 looks on a white background.

Color Contrast Check

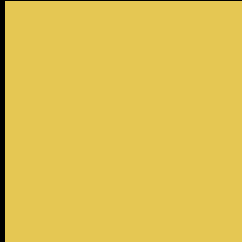
Large Text (above 18pt) WCAG AA × Fail

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 194.7460, -55.0908, 30.0408 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 194.7460, -55.0908, 30.0408

Background



This preview shows how black text looks on a background with the YUV color 194.7460, -55.0908, 30.0408.

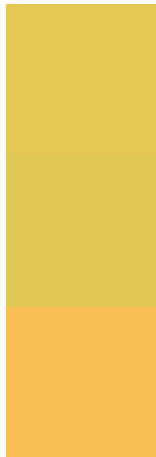


This preview shows how white text looks on a background with the YUV color 194.7460, -55.0908,

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

194.7460, -55.0908, 30.0408

Protanopia

194.2400, -54.3483, 25.2225

Deuteranopia

196.2580, -54.8502, 46.2547



Tritanopia

204.1440, -1.5500, 30.5687

Trichromacy



Original Color

194.7460, -55.0908, 30.0408

Protanomaly

194.2510, -54.3537, 26.9669

Deuteranomaly

195.8120, -55.1233, 40.5069

Tritanomaly

200.3940, -20.9002, 30.3495

Monochromacy



Original Color

194.7460, -55.0908, 30.0408

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

194.5010, -19.9670, 10.9616

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.7460, -55.0908, 30.0408 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(229, 199, 83)` looks like.

```
.text, #text, p{  
    color:rgb(229, 199, 83)  
}
```

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(229, 199, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 199, 83) }
```

Border

The CSS property to change the border of an element to YUV 194.7460, -55.0908, 30.0408 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(229, 199, 83) }
```


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

```
.border{ border-color:rgb(229, 199, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 199, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 199, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 199, 83);  
box-shadow:4px 4px 4px 4px rgb(229, 199,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 194.7460, -55.0908, 30.0408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 199, 83) }
```

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

```
.background{ background-color: rgb(229,  
199, 83) }
```

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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