

Converting Colors

YUV(192.1220, -55.2761,
42.8660)

Have a look what the booklet for
YUV(192.1220, -55.2761, 42.8660)
contains.

YUV(192.1220, -55.2761, 42.8660)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(192.1220, -55.2761,
42.8660)**

Conversions

Conversions Part 1

Format	Color
Hex	F1BD50
RGB	241, 189, 80
RGB Percent	95%, 74%, 31%
CMY	0.0549, 0.2588, 0.6863
CMYK	0.00, 0.22, 0.67, 0.05
HSL	41°, 85%, 63%
HSV	41°, 67%, 95%
XYZ	55.9212, 55.6752, 15.3884
YIQ	192.1220, 65.9810, -22.8750

Conversions

Conversions Part 2

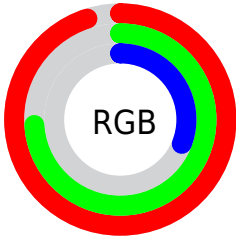
Format	Color
RYB	157, 241, 80
Decimal	15842640
CIELab	79.43, 7.64, 60.35
CIELCh	79, 60.836, 82.786
Yxy	55.6752, 0.4404, 0.4384
Android (android.graphics.Color)	4294032720 (0xFFFF1BD50)
YUV	192.1220, -55.2761, 42.8660
Hunter-Lab	74.6158, 3.2001, 40.0033

Details

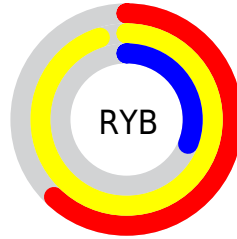
The YUV color **192.1220, -55.2761, 42.8660** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **128.8780, 55.2761, -42.8660**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.3360, -49.9586, 17.2453**, and **136.4590, -56.4283, 39.0625** is the 20% darker color. If you saturate the color by 10%, you get **184.6900, -63.4442, 49.3839**, and if you desaturate by 10%, it is **199.5540, -47.1081, 36.3481**.

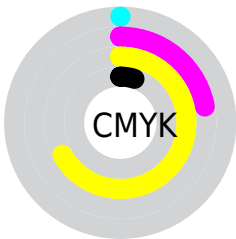
Distribution



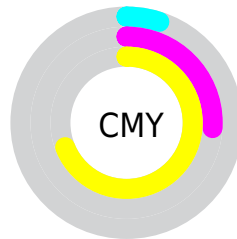
- Red (95%)
- Green (74%)
- Blue (31%)



- Red (62%)
- Yellow (95%)
- Blue (31%)



- Cyan (0%)
- Magenta (22%)
- Yellow (67%)
- Black (5%)



- Cyan (5%)
- Magenta (26%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.1220, -55.2761, 42.8660 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 192.1220, -55.2761, 42.8660 by changing the saturation by 10% instead.

192.1220,
-55.2761, 42.8660

192.1220,
-55.2761, 42.8660

255.0000, 0.0000,
0.0000

164.2250,
-54.8339, 41.0217

235.3360,
-49.9586, 17.2453

136.4590,
-56.4283, 39.0625

244.2840,
-41.0590, 9.3979

110.6050,
-54.5283, 36.3034

247.4760,
-28.8287, 6.5985

87.8460, -43.3081,
30.8301

250.7820,
-16.1615, 3.6992

65.9730, -32.5247,
25.4567

254.0880, -3.4944,
0.7998

44.9860, -22.1781,
20.1833

25.4720, -12.5577,

14.4951

■ 3.8870, -1.9163,
7.9921

■ 0.0000, 0.0000,
0.0000

■ 192.1220,
-55.2761, 42.8660

■ 192.1220,
-55.2761, 42.8660

■ 184.6900,
-63.4442, 49.3839

■ 199.5540,
-47.1081, 36.3481

■ 177.2580,
-71.6122, 55.9017

■ 206.9860,
-38.9401, 29.8303

■ 170.4130,
-80.0696, 61.9048

■ 213.8310,
-30.4827, 23.8272

■ 167.7400,
-82.6958, 64.2490

■ 221.2630,
-22.3147, 17.3093

■ 228.8090,
-13.7098, 10.6915

■ 236.2410, -5.5418,
4.1736

■ 243.0860, 2.9156,
-1.8294

■ 248.4660, 3.2213,
-6.5477

■ 250.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



187.1730, -39.0323, 59.4843



192.1220, -55.2761, 42.8660



187.3400, -49.4676, -0.2982

Triad

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



192.1220, -55.2761, 42.8660



159.3210, 39.2817, -139.7245



201.5720, 26.3400, 45.1024

Complementary

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



192.1220, -55.2761, 42.8660



128.8780, 55.2761, -42.8660

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.



191.7620, 31.1763, -12.9463



192.1220, -55.2761, 42.8660



157.6230, 48.0069, -138.2354

Square

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



192.1220, -55.2761, 42.8660



152.1220, 14.2369, -133.4110



150.5790, 51.4796, -132.0578



187.9900, 12.3299, 58.7678

Rectangle

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



192.1220, -55.2761, 42.8660



181.5020, -35.2505, -33.7663



150.5790, 51.4796, -132.0578



199.4020, 27.4098, 28.5884

Sweetspot

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



192.1220, -55.2761, 42.8660



239.7940, -17.6464, 13.3357



134.2950, -0.1454, 93.5803



118.5960, -10.6468, 8.2473



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.



192.1220, -55.2761, 42.8660



193.0020, -70.0070, 54.3722



214.5730, -66.3445, -0.5025



116.2840, -4.0840, 3.2589



127.8040, -63.0074, 49.2839



39.0500, -19.2516, 14.8652

Inverse Universe

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



128.8780, 55.2761, -42.8660



112.9980, 70.0070, -54.3722



106.4270, 66.3445, 0.5025



111.7160, 4.0840, -3.2589



55.6090, 63.2968, -48.7691



16.9500, 19.2516, -14.8651

Previews

White Background



This preview shows how the YUV color 192.1220, -55.2761, 42.8660 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 192.1220, -55.2761, 42.8660 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 192.1220, -55.2761, 42.8660

Background



This preview shows how black text looks on a background with the YUV color 192.1220, -55.2761, 42.8660.



This preview shows how white text looks on a background with the YUV color 192.1220, -55.2761,

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

192.1220, -55.2761, 42.8660

Protanopia

190.4680, -53.4747, 25.0226

Deuteranopia

192.1440, -55.2870, 46.3547



Tritanopia

200.1240, -4.4981, 42.8643

Trichromacy



Original Color

192.1220, -55.2761, 42.8660

Protanomaly

190.9850, -54.2226, 31.5852

Deuteranomaly

192.4320, -55.4290, 45.2251

Tritanomaly

197.0150, -22.6854, 42.9598

Monochromacy



Original Color

192.1220, -55.2761, 42.8660

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

192.1210, -20.2727, 15.6799

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.1220, -55.2761, 42.8660 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(241, 189, 80)` looks like.

```
.text, #text, p{  
    color:rgb(241, 189, 80)  
}
```

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(241, 189, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 189, 80) }
```

Border

The CSS property to change the border of an element to YUV 192.1220, -55.2761, 42.8660 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(241, 189, 80) }
```


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

```
.border{ border-color:rgb(241, 189, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 189, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 189, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 189, 80);  
box-shadow:4px 4px 4px 4px rgb(241, 189,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 192.1220, -55.2761, 42.8660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 189, 80) }
```

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

```
.background{ background-color: rgb(241,  
189, 80) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor