

Converting Colors

YUV(153.9460, -21.1724,
71.0844)

Have a look what the booklet for
YUV(153.9460, -21.1724, 71.0844)
contains.

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Color

**YUV(153.9460, -21.1724,
71.0844)**

Conversions

Conversions Part 1

Format	Color
Hex	EB796F
RGB	235, 121, 111
RGB Percent	92%, 47%, 44%
CMY	0.0784, 0.5255, 0.5647
CMYK	0.00, 0.49, 0.53, 0.08
HSL	5°, 76%, 68%
HSV	5°, 53%, 92%
XYZ	43.9676, 32.4846, 18.9917
YIQ	153.9460, 71.1540, 21.0580

Conversions

Conversions Part 2

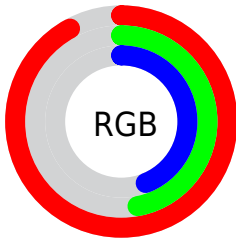
Format	Color
RYB	235, 122, 111
Decimal	15432047
CIELab	63.74, 42.98, 25.74
CIElCh	64, 50.099, 30.915
Yxy	32.4846, 0.4607, 0.3404
Android (android.graphics.Color)	4293622127 (0xFFEB796F)
YUV	153.9460, -21.1724, 71.0844
Hunter-Lab	56.9953, 37.9576, 20.1403

Details

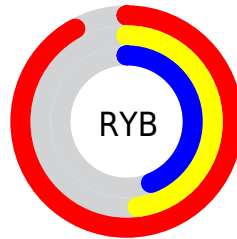
The YUV color **153.9460, -21.1724, 71.0844** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **192.0540, 21.1724, -71.0844**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.5520, -17.0341, 50.3819**, and **100.0100, -18.2459, 65.7662** is the 20% darker color. If you saturate the color by 10%, you get **138.4100, -24.8521, 84.7094**, and if you desaturate by 10%, it is **169.5960, -17.0558, 57.3593**.

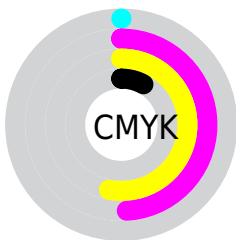
Distribution



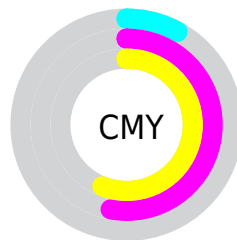
- Red (92%)
- Green (47%)
- Blue (44%)



- Red (92%)
- Yellow (48%)
- Blue (44%)



- Cyan (0%)
- Magenta (49%)
- Yellow (53%)
- Black (8%)



- Cyan (8%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.9460, -21.1724, 71.0844 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 153.9460, -21.1724, 71.0844 by changing the saturation by 10% instead.

153.9460,
-21.1724, 71.0844

153.9460,
-21.1724, 71.0844

255.0000, 0.0000,
0.0000

126.9780,
-19.7092, 68.4253

197.5520,
-17.0341, 50.3819

100.0100,
-18.2459, 65.7662

217.6530,
-13.6329, 32.7533

72.6830, -15.6197,
63.4220

237.2810, -9.5055,
15.5396

43.4210, -11.5466,
63.6518

253.9740, -3.9312,
0.8998

26.3120, -12.9718,
54.1004

17.9400, -8.8444,
36.8866

9.0840, -3.9854,

18.3433

■ 0.0000, 0.0000,
0.0000

■ 153.9460,
-21.1724, 71.0844

■ 153.9460,
-21.1724, 71.0844

■ 138.4100,
-24.8521, 84.7094

■ 169.5960,
-17.0558, 57.3593

■ 123.3470,
-29.2581, 97.9197

■ 184.5450,
-13.0867, 44.2490

■ 107.8110,
-32.9378, 111.5448

■ 200.1950, -8.9701,
30.5240

■ 92.7480, -37.3438,
124.7550

■ 215.1440, -5.0010,
17.4137

■ 81.4180, -40.1391,
134.6914

■ 230.6800, -1.3212,
3.7886

■ 246.3300, 2.7953,
-9.9364

■ 249.0200, 2.9481,
-12.2955

Harmonies

Analogous

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



156.0270, -0.5063, 69.2593



153.9460, -21.1724, 71.0844



152.4820, -37.7056, 53.9513

Triad

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



153.9460, -21.1724, 71.0844



135.8040, -13.2144, -55.0791



141.7800, 50.3945, -63.8281

Complementary

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



153.9460, -21.1724, 71.0844



192.0540, 21.1724, -71.0844

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.



126.2380, 52.1407, -110.7107



153.9460, -21.1724, 71.0844



121.4550, 16.0447, -106.5160

Square

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



153.9460, -21.1724, 71.0844



145.0580, -35.0316, -10.5749



125.9980, 35.9900, -110.5002



157.2290, 36.3691, 1.5532

Rectangle

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



153.9460, -21.1724, 71.0844



150.8790, -43.3243, 36.0631



125.9980, 35.9900, -110.5002



123.2690, 58.5344, -108.1069

Sweetspot

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



153.9460, -21.1724, 71.0844



228.0200, -6.9119, 23.6615



161.3000, 32.3901, 64.6349



111.6490, -4.2640, 14.3398



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.



153.9460, -21.1724, 71.0844



149.7700, -27.4946, 92.2867



189.1660, -38.5358, 40.1964



109.8760, -1.9109, 6.2477



62.9240, -31.0215, 103.5527



18.4940, -9.1175, 31.1388

Inverse Universe

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



192.0540, 21.1724, -71.0844



199.2300, 27.4946, -92.2867



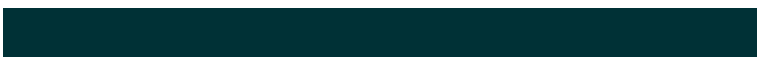
156.8340, 38.5358, -40.1964



113.1240, 1.9109, -6.2477



118.0760, 31.0215, -103.5527



34.9190, 9.4069, -30.6240

Previews

White Background



This preview shows how the YUV color 153.9460, -21.1724, 71.0844 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 153.9460, -21.1724, 71.0844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

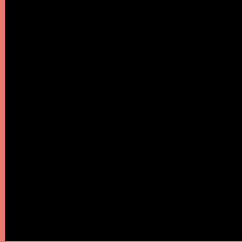
Any Text WCAG AA ✓ Pass

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 153.9460, -21.1724, 71.0844 Background



This preview shows how black text looks on a background with the YUV color 153.9460, -21.1724, 71.0844.



This preview shows how white text looks on a background with the YUV color 153.9460, -21.1724, 71.0844.

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

153.9460, -21.1724, 71.0844

Protanopia

154.3850, -13.9938, 8.4324

Deuteranopia

154.2750, -23.7996, 26.9458



Tritanopia

154.8950, -13.7522, 71.1291

Trichromacy



Original Color

153.9460, -21.1724, 71.0844

Protanomaly

154.5450, -16.5377, 31.0940

Deuteranomaly

154.0150, -22.6854, 42.9598

Tritanomaly

154.7980, -16.6624, 71.2142

Monochromacy



Original Color

153.9460, -21.1724, 71.0844

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.8030, -7.7909, 25.6058

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.9460, -21.1724, 71.0844 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, 121, 111)` looks like.

```
.text, #text, p{  
    color:rgb(235, 121, 111)  
}
```

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, 121, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 121, 111) }
```

Border

The CSS property to change the border of an element to YUV 153.9460, -21.1724, 71.0844 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, 121, 111) }
```


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

```
.border{ border-color:rgb(235, 121, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 121, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 121, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 121, 111);  
box-shadow:4px 4px 4px 4px rgb(235, 121,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 153.9460, -21.1724, 71.0844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 121, 111) }
```

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

```
.background{ background-color: rgb(235,  
121, 111) }
```

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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