

Converting Colors

YUV(158.4240, -22.8870,
61.0182)

Have a look what the booklet for
YUV(158.4240, -22.8870, 61.0182)
contains.

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Color

**YUV(158.4240, -22.8870,
61.0182)**

Conversions

Conversions Part 1

Format	Color
Hex	E48470
RGB	228, 132, 112
RGB Percent	89%, 52%, 44%
CMY	0.1059, 0.4824, 0.5608
CMYK	0.00, 0.42, 0.51, 0.11
HSL	10°, 68%, 67%
HSV	10°, 51%, 89%
XYZ	43.1708, 34.1664, 19.6487
YIQ	158.4240, 63.6360, 14.1320

Conversions

Conversions Part 2

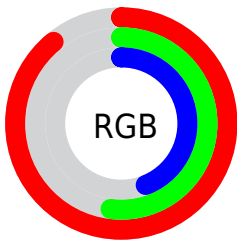
Format	Color
R_{YB}	228, 136, 112
Decimal	14976112
CIE _{Lab}	65.09, 34.80, 26.80
CIE _{LCh}	65, 43.922, 37.599
Yxy	34.1664, 0.4451, 0.3523
Android (android.graphics.Color)	4293166192 (0xFFE48470)
YUV	158.4240, -22.8870, 61.0182
Hunter-Lab	58.4520, 29.5435, 20.9861

Details

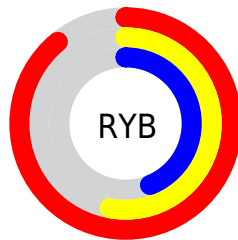
The YUV color **158.4240, -22.8870, 61.0182** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **181.5760, 22.8870, -61.0182**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.1230, -19.7806, 44.6191**, and **105.3740, -20.3974, 55.8000** is the 20% darker color. If you saturate the color by 10%, you get **144.6490, -27.4350, 73.0988**, and if you desaturate by 10%, it is **172.1990, -18.3391, 48.9375**.

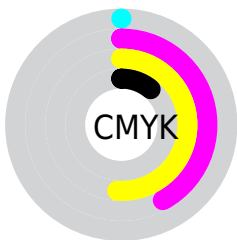
Distribution



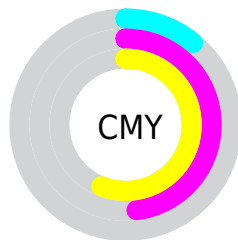
- Red (89%)
- Green (52%)
- Blue (44%)



- Red (89%)
- Yellow (53%)
- Blue (44%)



- Cyan (0%)
- Magenta (42%)
- Yellow (51%)
- Black (11%)



- Cyan (11%)
- Magenta (48%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.4240, -22.8870, 61.0182 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 158.4240, -22.8870, 61.0182 by changing the saturation by 10% instead.

158.4240,
-22.8870, 61.0182

158.4240,
-22.8870, 61.0182

255.0000, 0.0000,
0.0000

131.3420,
-21.8606, 58.4591

204.1230,
-19.7806, 44.6191

105.3740,
-20.3974, 55.8000

223.6370,
-16.0900, 27.5054

79.5200, -18.4974,
53.0410

243.8520,
-12.2520, 9.7768

53.7800, -16.1605,
50.1819

254.2020, -3.0576,
0.6998

26.2900, -12.9610,
50.6117

17.0430, -8.4022,
35.0423

8.1870, -3.5432,

16.4990

■ 0.0000, 0.0000,
0.0000

■ 158.4240,
-22.8870, 61.0182

■ 158.4240,
-22.8870, 61.0182

■ 144.6490,
-27.4350, 73.0988

■ 172.1990,
-18.3391, 48.9375

■ 130.8740,
-31.9829, 85.1795

■ 185.9740,
-13.7912, 36.8568

■ 117.2130,
-36.0940, 97.1602

■ 199.6350, -9.6801,
24.8761

■ 104.0250,
-40.9313, 108.7261

■ 212.8230, -4.8427,
13.3102

■ 91.0650, -44.8950,
120.0920

■ 226.5980, -0.2948,
1.2296

■ 240.3730, 4.2531,
-10.8511

■ 246.9270, 3.9800,
-16.5990

Harmonies

Analogous

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



160.3160, -5.5788, 62.8669



158.4240, -22.8870, 61.0182



156.3990, -35.1997, 43.5001

Triad

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



158.4240, -22.8870, 61.0182



140.8130, -6.8098, -55.9640



153.7250, 40.5616, -36.5928

Complementary

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



158.4240, -22.8870, 61.0182



181.5760, 22.8870, -61.0182

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.



126.0100, 51.2671, -110.5108



158.4240, -22.8870, 61.0182



123.5240, 21.4337, -108.3305

Square

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



158.4240, -22.8870, 61.0182



149.3760, -27.3004, -16.9928



127.2690, 38.3214, -111.6149



161.9330, 28.6270, 11.4598

Rectangle

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



158.4240, -22.8870, 61.0182



155.1920, -38.0557, 26.1416



127.2690, 38.3214, -111.6149



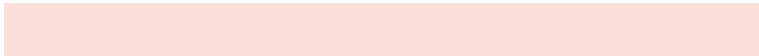
148.0000, 43.3840, -55.2510

Sweetspot

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



158.4240, -22.8870, 61.0182



231.8840, -7.3378, 20.2727



157.7420, 25.2702, 61.6163



114.2250, -4.5479, 12.0807



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.



158.4240, -22.8870, 61.0182



161.4930, -30.8090, 82.0056



191.8830, -39.3823, 31.6746



107.7620, -2.3477, 6.3477



71.7180, -35.3570, 94.0863



20.5320, -10.1223, 26.7204

Inverse Universe

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



181.5760, 22.8870, -61.0182



192.5070, 30.8090, -82.0056



148.1170, 39.3823, -31.6746



110.2380, 2.3477, -6.3477



107.2820, 35.3570, -94.0863



30.4680, 10.1223, -26.7204

Previews

White Background



This preview shows how the YUV color 158.4240, -22.8870, 61.0182 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 158.4240, -22.8870, 61.0182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

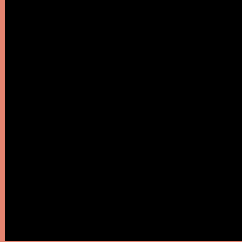
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 158.4240, -22.8870, 61.0182

Background



This preview shows how black text looks on a background with the YUV color 158.4240, -22.8870, 61.0182.



This preview shows how white text looks on a background with the YUV color 158.4240, -22.8870,

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

158.4240, -22.8870, 61.0182

Protanopia

157.4130, -16.4726, 10.1618

Deuteranopia

158.0470, -24.6732, 27.1458



Tritanopia

159.6380, -10.6675, 61.7075

Trichromacy



Original Color

158.4240, -22.8870, 61.0182

Protanomaly

157.9530, -18.7108, 28.1052

Deuteranomaly

158.2380, -24.2743, 39.2563

Tritanomaly

158.9000, -14.7407, 61.4777

Monochromacy



Original Color

158.4240, -22.8870, 61.0182

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.2540, -8.5062, 21.7022

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.4240, -22.8870, 61.0182 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(228, 132, 112)` looks like.

```
.text, #text, p{  
    color:rgb(228, 132, 112)  
}
```

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(228, 132, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 132, 112) }
```

Border

The CSS property to change the border of an element to YUV 158.4240, -22.8870, 61.0182 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(228, 132, 112) }
```


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

```
.border{ border-color:rgb(228, 132, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 132, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 132, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 132, 112); box-shadow:4px 4px 4px 4px rgb(228, 132, 112) }
```

Background

The CSS property to change the background color of an element to YUV 158.4240, -22.8870, 61.0182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 132, 112) }
```

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

```
.background{ background-color: rgb(228,  
132, 112) }
```

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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