

Converting Colors

YUV(174.4040, -12.5242,
50.5117)

Have a look what the booklet for
YUV(174.4040, -12.5242, 50.5117)
contains.

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Color

**YUV(174.4040, -12.5242,
50.5117)**

Conversions

Conversions Part 1

Format	Color
Hex	E89695
RGB	232, 150, 149
RGB Percent	91%, 59%, 58%
CMY	0.0902, 0.4118, 0.4157
CMYK	0.00, 0.35, 0.36, 0.09
HSL	1°, 64%, 75%
HSV	1°, 36%, 91%
XYZ	49.6099, 41.1384, 33.7596
YIQ	174.4040, 49.1930, 17.0730

Conversions

Conversions Part 2

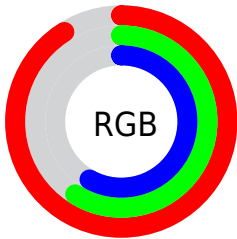
Format	Color
R_{YB}	232, 150, 149
Decimal	15242901
CIE _{Lab}	70.27, 30.71, 13.38
CIE _{LCh}	70, 33.498, 23.543
Yxy	41.1384, 0.3984, 0.3304
Android (android.graphics.Color)	4293432981 (0xFFE89695)
YUV	174.4040, -12.5242, 50.5117
Hunter-Lab	64.1392, 25.8210, 13.6903

Details

The YUV color $174.4040, -12.5242, 50.5117$ is a light color, and the websafe version is hex $FF9999$. A complement of this color would be $206.5960, 12.5242, -50.5117$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $219.7220, -8.2439, 30.9388$, and $120.7240, -11.2029, 46.7231$ is the 20% darker color. If you saturate the color by 10%, you get $158.2810, -15.9145, 64.6516$, and if you desaturate by 10%, it is $190.5270, -9.1338, 36.3718$.

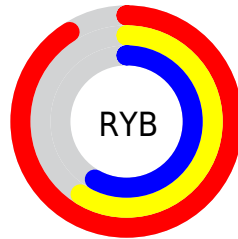
Distribution



Red (91%)

Green (59%)

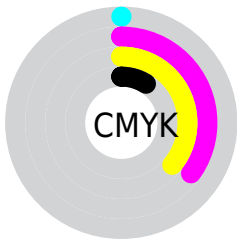
Blue (58%)



Red (91%)

Yellow (59%)

Blue (58%)

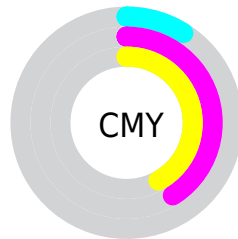


Cyan (0%)

Magenta (35%)

Yellow (36%)

Black (9%)



Cyan (9%)

Magenta (41%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.4040, -12.5242, 50.5117 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 174.4040, -12.5242, 50.5117 by changing the saturation by 10% instead.

■ 174.4040,
-12.5242, 50.5117

■ 174.4040,
-12.5242, 50.5117

■ 255.0000, 0.0000,
0.0000

■ 147.5070,
-12.0820, 48.6674

■ 219.7220, -8.2439,
30.9388

■ 120.7240,
-11.2029, 46.7231

■ 239.3500, -4.1165,
13.7251

■ 95.0550, -9.8871,
44.6788

■ 70.2720, -9.0081,
42.7345

■ 45.7170, -7.2555,
40.5902

■ 20.5320, -6.6713,
39.8754

■ 13.2700, -6.0491,

26.9502

■ 0.0000, 0.0000,
0.0000

■ 174.4040,
-12.5242, 50.5117

■ 174.4040,
-12.5242, 50.5117

■ 158.2810,
-15.9145, 64.6516

■ 190.5270, -9.1338,
36.3718

■ 142.1580,
-19.3049, 78.7914

■ 206.6500, -5.7434,
22.2320

■ 125.9210,
-23.1321, 93.0313

■ 222.8870, -1.9163,
7.9921

■ 109.7980,
-26.5224, 107.1712

■ 239.0100, 1.4741,
-6.1478

■ 93.6750, -29.9128,
121.3110

■ 248.1230, 3.3904,
-14.1399

■ 77.5520, -33.3031,
135.4509

■ 71.1290, -35.0666,
141.0839

Harmonies

Analogous

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



175.8560, 2.0430, 44.8533



174.4040, -12.5242, 50.5117



172.3740, -23.8484, 42.6450

Triad

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



174.4040, -12.5242, 50.5117



163.1650, -13.8853, -26.4547



166.2270, 32.4261, -40.5411

Complementary

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



174.4040, -12.5242, 50.5117



206.5960, 12.5242, -50.5117

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.



156.1110, 31.4973, -69.3803



174.4040, -12.5242, 50.5117



157.7560, 3.0783, -54.1600

Square

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



174.4040, -12.5242, 50.5117



167.2410, -25.7548, 0.6656



152.6190, 20.8938, -75.0879



173.2530, 26.4973, -5.4839

Rectangle

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



174.4040, -12.5242, 50.5117



171.1570, -28.1784, 31.4343



152.6190, 20.8938, -75.0879



162.9760, 33.0428, -51.7220

Sweetspot

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



174.4040, -12.5242, 50.5117



235.3720, -4.1274, 17.2138



183.2790, 24.0195, 42.7283



116.0830, -2.5059, 10.4512



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.



174.4040, -12.5242, 50.5117



179.0640, -16.7936, 66.5959



197.8840, -24.0998, 29.9197



106.5880, -1.7689, 7.3773



54.6950, -26.9646, 109.0155



15.8360, -7.8071, 30.8388

Inverse Universe

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



206.5960, 12.5242, -50.5117



221.5230, 16.5042, -67.1107



182.5290, 24.3892, -29.4049



111.4120, 1.7689, -7.3773



123.7180, 27.2540, -108.5007



35.1640, 7.8071, -30.8388

Previews

White Background



This preview shows how the YUV color 174.4040, -12.5242, 50.5117 looks on a white background.

Color Contrast Check

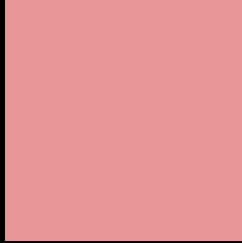
Large Text (above 18pt) WCAG AA × Fail

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 174.4040, -12.5242, 50.5117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

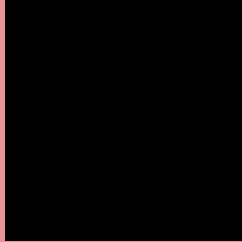
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.4040, -12.5242, 50.5117

Background



This preview shows how black text looks on a background with the YUV color 174.4040, -12.5242, 50.5117.



This preview shows how white text looks on a background with the YUV color 174.4040, -12.5242, 50.5117.

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

174.4040, -12.5242, 50.5117

Protanopia

172.4260, -6.1260, 4.8884

Deuteranopia

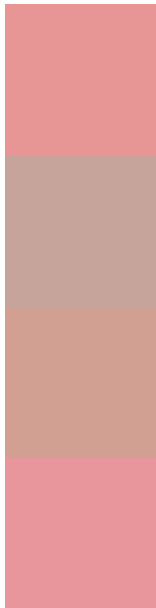
173.2880, -13.4530, 21.6724



Tritanopia

174.7830, -7.2880, 51.0563

Trichromacy



Original Color

174.4040, -12.5242, 50.5117

Protanomaly

173.2540, -8.5062, 21.7022

Deuteranomaly

173.4680, -13.0487, 32.0386

Tritanomaly

174.9140, -9.3246, 50.9414

Monochromacy



Original Color

174.4040, -12.5242, 50.5117

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.9700, -4.4222, 18.4433

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.4040, -12.5242, 50.5117 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(232, 150, 149)` looks like.

```
.text, #text, p{  
    color:rgb(232, 150, 149)  
}
```

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(232, 150, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 150, 149) }
```

Border

The CSS property to change the border of an element to YUV 174.4040, -12.5242, 50.5117 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(232, 150, 149) }
```


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

```
.border{ border-color:rgb(232, 150, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 150, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 150, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 150, 149);  
box-shadow:4px 4px 4px 4px rgb(232, 150,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 174.4040, -12.5242, 50.5117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 150, 149) }
```

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

```
.background{ background-color: rgb(232,  
150, 149) }
```

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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