

Converting Colors

YUV(170.0790, 3.9051, 54.3047)

Have a look what the booklet for
YUV(170.0790, 3.9051, 54.3047)
contains.

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Color

**YUV(170.0790, 3.9051,
54.3047)**

Conversions

Conversions Part 1

Format	Color
Hex	E889B2
RGB	232, 137, 178
RGB Percent	91%, 54%, 70%
CMY	0.0902, 0.4627, 0.3020
CMYK	0.00, 0.41, 0.23, 0.09
HSL	334°, 67%, 72%
HSV	334°, 41%, 91%
XYZ	50.2603, 38.2615, 46.8557
YIQ	170.0790, 43.4590, 32.8910

Conversions

Conversions Part 2

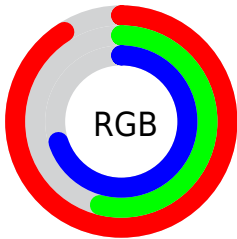
Format	Color
R_{YB}	232, 137, 178
Decimal	15239602
CIE _{Lab}	68.21, 41.34, -5.80
CIE _{LCh}	68, 41.745, 352.012
Yxy	38.2615, 0.3713, 0.2826
Android (android.graphics.Color)	4293429682 (0xFFE889B2)
YUV	170.0790, 3.9051, 54.3047
Hunter-Lab	61.8559, 36.7903, -1.6129

Details

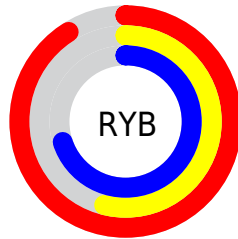
The YUV color **170.0790, 3.9051, 54.3047** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **198.9210, -3.9051, -54.3047**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.6250, 9.0589, 34.5319**, and **116.1710, 4.3527, 50.7160** is the 20% darker color. If you saturate the color by 10%, you get **155.0960, 4.8827, 67.4448**, and if you desaturate by 10%, it is **185.0620, 2.9274, 41.1646**.

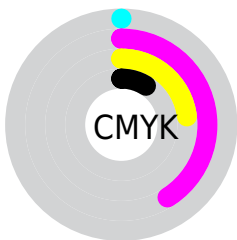
Distribution



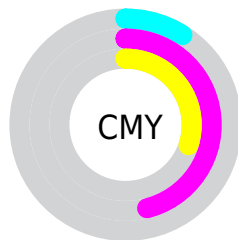
- Red (91%)
- Green (54%)
- Blue (70%)



- Red (91%)
- Yellow (54%)
- Blue (70%)



- Cyan (0%)
- Magenta (41%)
- Yellow (23%)
- Black (9%)





- Cyan (9%)
- Magenta (46%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.0790, 3.9051, 54.3047 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 170.0790, 3.9051, 54.3047 by changing the saturation by 10% instead.


 170.0790, 3.9051,
54.3047


 170.0790, 3.9051,
54.3047

255.0000, 0.0000,
0.0000

 143.0680, 3.9105,
52.5604

 215.6250, 9.0589,
34.5319


 116.1710, 4.3527,
50.7160

 234.4550, 10.1287,
18.0180

 89.6870, 5.0843,
49.3865

 251.4780, 1.7363,
3.0888

 63.7300, 6.5421,
48.4718

 33.6640, 10.0256,
51.1607

 23.4960, 4.6855,
37.2760

 14.0680, -2.9915,

26.2504

■ 0.0000, 0.0000,
0.0000

■ 170.0790, 3.9051,
54.3047

■ 170.0790, 3.9051,
54.3047

■ 155.0960, 4.8827,
67.4448

■ 185.0620, 2.9274,
41.1646

■ 140.1130, 5.8603,
80.5849

■ 200.0450, 1.9498,
28.0245

■ 124.4290, 6.6905,
94.3398

■ 215.7290, 1.1196,
14.2697

■ 109.4460, 7.6681,
107.4799

■ 230.7120, 0.1420,
1.1296

■ 94.4630, 8.6457,
120.6199

■ 245.6950, -0.8356,
-12.0105

■ 80.7680, 9.4814,
132.6305

■ 248.1230, 3.3904,
-14.1399

Harmonies

Analogous

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



170.9800, 20.7159, 28.9585



170.0790, 3.9051, 54.3047



168.4270, -14.0145, 61.8925

Triad

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



170.0790, 3.9051, 54.3047



160.8190, -32.4488, 1.0357



132.4840, 45.6104, -116.1885

Complementary

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



170.0790, 3.9051, 54.3047



198.9210, -3.9051, -54.3047

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.



131.1840, 30.4753, -115.0484



170.0790, 3.9051, 54.3047



154.9810, -18.2316, -32.4323

Square

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



170.0790, 3.9051, 54.3047



164.3820, -36.1773, 30.3600



144.8030, 5.0271, -72.6182



154.9240, 41.9425, -59.5693

Rectangle

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



170.0790, 3.9051, 54.3047



166.7610, -24.0392, 57.2146



144.8030, 5.0271, -72.6182



132.6320, 41.1004, -116.3183

Sweetspot

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



170.0790, 3.9051, 54.3047



234.8650, 1.5456, 17.6584



163.9760, 33.5358, 23.7000



116.1800, 0.4043, 10.3661



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.



170.0790, 3.9051, 54.3047



173.5310, 5.1612, 71.4483



168.9270, -15.7400, 55.3150



107.1580, 0.4151, 6.8774



62.2990, 7.2476, 102.3468



17.7570, 2.0918, 29.1541

Inverse Universe

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



170.0790, 3.9051, 54.3047



173.5310, 5.1612, 71.4483



200.0730, 15.7400, -55.3150



107.1580, 0.4151, 6.8774



62.2990, 7.2476, 102.3468



17.7570, 2.0918, 29.1541

Previews

White Background



This preview shows how the YUV color 170.0790, 3.9051, 54.3047 looks on a white background.

Color Contrast Check

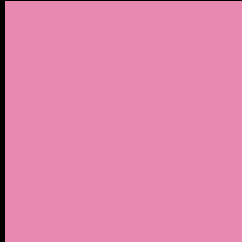
Large Text (above 18pt) WCAG AA × Fail

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 170.0790, 3.9051, 54.3047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

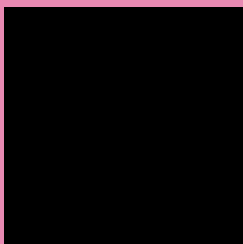
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.0790, 3.9051, 54.3047

Background



This preview shows how black text looks on a background with the YUV color 170.0790, 3.9051, 54.3047.



This preview shows how white text looks on a background with the YUV color 170.0790, 3.9051,

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

170.0790, 3.9051, 54.3047

Protanopia

167.3380, 14.1304, -5.5584

Deuteranopia

168.7500, 2.5882, 9.8663



Tritanopia

169.1530, -8.4564, 52.4858

Trichromacy



Original Color

170.0790, 3.9051, 54.3047



Protanomaly

168.4440, 10.1341, 16.2736



Deuteranomaly

169.2620, 2.8288, 26.0802



Tritanomaly

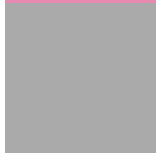
169.3040, -4.0939, 53.2304

Monochromacy



Original Color

170.0790, 3.9051, 54.3047



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

170.1750, 1.3927, 20.0175

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.0790, 3.9051, 54.3047 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, 137, 178)` looks like.

```
.text, #text, p{  
    color:rgb(232, 137, 178)  
}
```

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, 137, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 137, 178) }
```

Border

The CSS property to change the border of an element to YUV 170.0790, 3.9051, 54.3047 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, 137, 178) }
```


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

```
.border{ border-color:rgb(232, 137, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 137, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 137, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 137, 178);  
box-shadow:4px 4px 4px 4px rgb(232, 137,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 170.0790, 3.9051, 54.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 137, 178) }
```

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

```
.background{ background-color: rgb(232,  
137, 178) }
```

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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