

Converting Colors

YUV(199.5640, -5.2081,
37.2164)

Have a look what the booklet for
YUV(199.5640, -5.2081, 37.2164)
contains.

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Color

**YUV(199.5640, -5.2081,
37.2164)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B4BD
RGB	242, 180, 189
RGB Percent	95%, 71%, 74%
CMY	0.0510, 0.2941, 0.2588
CMYK	0.00, 0.26, 0.22, 0.05
HSL	351°, 70%, 83%
HSV	351°, 26%, 95%
XYZ	62.1245, 55.1939, 55.5233
YIQ	199.5640, 34.0630, 15.9430

Conversions

Conversions Part 2

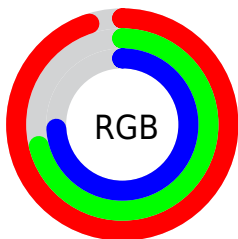
Format	Color
R _Y B	242, 180, 189
Decimal	15905981
CIE Lab	79.15, 23.78, 4.27
CIE LCh	79, 24.161, 10.184
Yxy	55.1939, 0.3594, 0.3193
Android (android.graphics.Color)	4294096061 (0xFFF2B4BD)
YUV	199.5640, -5.2081, 37.2164
Hunter-Lab	74.2926, 19.2522, 7.6939

Details

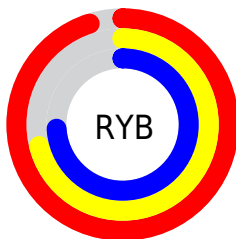
The YUV color $199.5640, -5.2081, 37.2164$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $222.4360, 5.2081, -37.2164$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.7070, 1.1304, 10.7810$, and $145.3680, -4.6184, 34.7573$ is the 20% darker color. If you saturate the color by 10%, you get $183.0820, -7.4354, 51.6711$, and if you desaturate by 10%, it is $216.0460, -2.9807, 22.7617$.

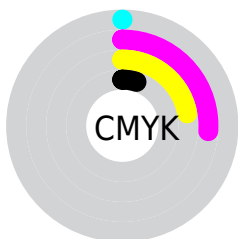
Distribution



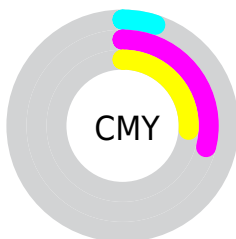
- Red (95%)
- Green (71%)
- Blue (74%)



- Red (95%)
- Yellow (71%)
- Blue (74%)



- Cyan (0%)
- Magenta (26%)
- Yellow (22%)
- Black (5%)



- Cyan (5%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 199.5640, -5.2081, 37.2164 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 199.5640, -5.2081, 37.2164 by changing the saturation by 10% instead.

 199.5640, -5.2081,
37.2164

 199.5640, -5.2081,
37.2164


255.0000, 0.0000,
0.0000


 171.9660, -4.9132,
35.9868


 242.7070, 1.1304,
10.7810

 145.3680, -4.6184,
34.7573

 118.7700, -4.3236,
33.5277

 93.8730, -3.8814,
31.6834

 69.3890, -3.1498,
30.3538

 46.4920, -2.7076,
28.5095

 23.2360, -1.1023,

26.9800

■ 10.2800, -4.5750,
20.8024

■ 0.0000, 0.0000,
0.0000

■ 199.5640, -5.2081,
37.2164

■ 199.5640, -5.2081,
37.2164

■ 183.0820, -7.4354,
51.6711

■ 216.0460, -2.9807,
22.7617

■ 166.7140, -9.2260,
66.0258

■ 232.4140, -1.1901,
8.4069

■ 149.6450,
-11.1640, 80.9953

■ 249.4830, 0.7479,
-6.5626

■ 133.1630,
-13.3914, 95.4500

■ 251.1130, 1.9163,
-7.9921

■ 116.7950,
-15.1819, 109.8048

■ 100.3130,
-17.4093, 124.2595

■ 83.8310, -19.6367,
138.7142

■ 76.3480, -20.3846,
145.2768

Harmonies

Analogous

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



200.3700, 5.7336, 27.7395



199.5640, -5.2081, 37.2164



198.3330, -14.9542, 36.5420

Triad

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



199.5640, -5.2081, 37.2164



191.3350, -14.9552, -9.9408



190.8550, 23.2425, -34.9528

Complementary

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



199.5640, -5.2081, 37.2164



222.4360, 5.2081, -37.2164

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.



187.1110, 18.1863, -46.5783



199.5640, -5.2081, 37.2164



188.9610, -4.4178, -29.7838

Square

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



199.5640, -5.2081, 37.2164



194.2620, -20.8352, 9.4172



186.7880, 7.9925, -43.6641



195.6450, 21.8670, -13.7207

Rectangle

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



199.5640, -5.2081, 37.2164



197.1490, -19.3005, 30.5643



186.7880, 7.9925, -43.6641



189.1810, 22.0958, -40.5007

Sweetspot

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



199.5640, -5.2081, 37.2164



241.3220, -1.6377, 11.9956



202.9150, 19.2689, 26.3845



119.1150, -1.0427, 7.7921



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.



199.5640, -5.2081, 37.2164



200.8750, -6.8404, 47.4676



211.4520, -15.5058, 26.7906



111.8160, -0.8953, 7.1774



58.0940, -15.3293, 110.4196



17.6560, -4.7604, 33.6277

Inverse Universe

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



199.5640, -5.2081, 37.2164



200.8750, -6.8404, 47.4676



210.5480, 15.5058, -26.7906



111.8160, -0.8953, 7.1774



58.0940, -15.3293, 110.4196



17.6560, -4.7604, 33.6277

Previews

White Background



This preview shows how the YUV color 199.5640, -5.2081, 37.2164 looks on a white background.

Color Contrast Check

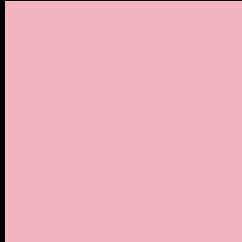
Large Text (above 18pt) WCAG AA × Fail

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 199.5640, -5.2081, 37.2164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

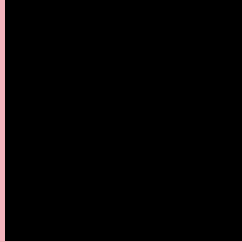
Any Text WCAG AA ✓ Pass

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 199.5640, -5.2081, 37.2164 Background



This preview shows how black text looks on a background with the YUV color 199.5640, -5.2081, 37.2164.



This preview shows how white text looks on a background with the YUV color 199.5640, -5.2081,

37.2164.

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

199.5640, -5.2081, 37.2164

Protanopia

196.5380, 0.7208, 2.1592

Deuteranopia

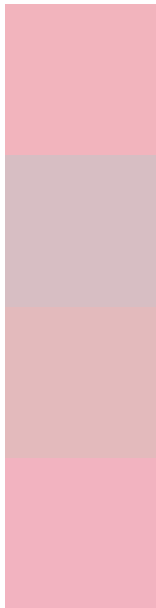
198.3290, -5.5852, 18.1285



Tritanopia

199.4330, -3.1715, 37.3313

Trichromacy



Original Color

199.5640, -5.2081, 37.2164

Protanomaly

198.0450, -1.5012, 14.8695

Deuteranomaly

198.4870, -5.1701, 25.0059

Tritanomaly

199.3190, -3.6083, 37.4312

Monochromacy



Original Color

199.5640, -5.2081, 37.2164

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.9200, -1.9326, 13.2252

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.5640, -5.2081, 37.2164 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(242, 180, 189)` looks like.

```
.text, #text, p{  
    color:rgb(242, 180, 189)  
}
```

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(242, 180, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 180, 189) }
```

Border

The CSS property to change the border of an element to YUV 199.5640, -5.2081, 37.2164 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(242, 180, 189) }
```


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

```
.border{ border-color:rgb(242, 180, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 180, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 180, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 180, 189);  
box-shadow:4px 4px 4px 4px rgb(242, 180,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 199.5640, -5.2081, 37.2164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 180, 189) }
```

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

```
.background{ background-color: rgb(242,  
180, 189) }
```

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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