

Converting Colors

YUV(207.3040, 9.2171, 30.4284)

Have a look what the booklet for
YUV(207.3040, 9.2171, 30.4284)
contains.

YUV(207.3040, 9.2171, 30.4284)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(207.3040, 9.2171,
30.4284)**

Conversions

Conversions Part 1

Format	Color
Hex	F2BAE2
RGB	242, 186, 226
RGB Percent	95%, 73%, 89%
CMY	0.0510, 0.2706, 0.1137
CMYK	0.00, 0.23, 0.07, 0.05
HSL	317°, 68%, 84%
HSV	317°, 23%, 95%
XYZ	67.9043, 59.4860, 79.8545
YIQ	207.3040, 20.5360, 24.3120

Conversions

Conversions Part 2

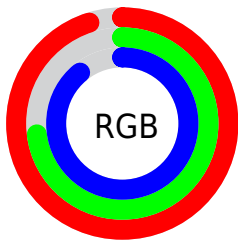
Format	Color
R _Y B	242, 186, 226
Decimal	15907554
CIE Lab	81.56, 26.47, -12.16
CIE LCh	82, 29.131, 335.333
Yxy	59.4860, 0.3277, 0.2870
Android (android.graphics.Color)	4294097634 (0xFFFF2BAE2)
YUV	207.3040, 9.2171, 30.4284
Hunter-Lab	77.1272, 22.1824, -7.3975

Details

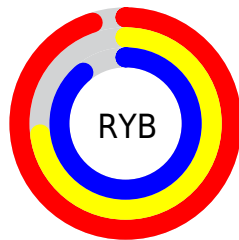
The YUV color $207.3040, 9.2171, 30.4284$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $220.6960, -9.2171, -30.4284$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.3690, 3.7621, 6.6924$, and $152.2930, 9.2226, 28.6840$ is the 20% darker color. If you saturate the color by 10%, you get $192.4180, 13.1049, 43.4834$, and if you desaturate by 10%, it is $222.1900, 5.3293, 17.3734$.

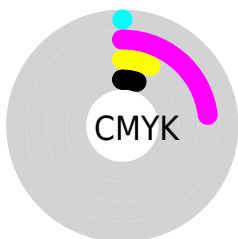
Distribution



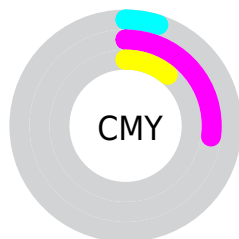
- Red (95%)
- Green (73%)
- Blue (89%)



- Red (95%)
- Yellow (73%)
- Blue (89%)



- Cyan (0%)
- Magenta (23%)
- Yellow (7%)
- Black (5%)



- Cyan (5%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 207.3040, 9.2171, 30.4284 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 207.3040, 9.2171, 30.4284 by changing the saturation by 10% instead.

 207.3040, 9.2171,
30.4284

 207.3040, 9.2171,
30.4284

255.0000, 0.0000,
0.0000


 179.5920, 9.0751,
29.2988

 247.3690, 3.7621,
6.6924

 152.2930, 9.2226,
28.6840

 126.4670, 8.6438,
27.6544

 100.7550, 8.5018,
26.5249

 76.4560, 8.6492,
25.9101

 52.7440, 8.5072,
24.7805

 29.5590, 9.0914,

24.0658

■ 14.1410, 6.3395,
20.0473

■ 0.0000, 0.0000,
0.0000

■ 207.3040, 9.2171,
30.4284

■ 207.3040, 9.2171,
30.4284

■ 192.4180, 13.1049,
43.4834

■ 222.1900, 5.3293,
17.3734

■ 177.5320, 16.9927,
56.5384

■ 237.0760, 1.4415,
4.3183

■ 162.0590, 21.1699,
70.1083

■ 250.2010, -1.5781,
-7.1923

■ 147.1730, 25.0577,
83.1633

■ 250.9990, 1.4795,
-7.8921

■ 132.2870, 28.9455,
96.2183

■ 251.1130, 1.9163,
-7.9921

■ 117.5150, 33.2701,
109.1733

■ 102.6290, 37.1579,
122.2284

■ 92.0800, 39.8936,
131.4798

Harmonies

Analogous

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



205.7230, 20.3496, 6.3819



207.3040, 9.2171, 30.4284



206.3520, -3.6245, 42.6643

Triad

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



207.3040, 9.2171, 30.4284



200.6280, -25.9456, 15.2352



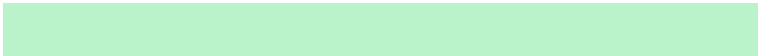
190.4190, 20.9924, -60.0035

Complementary

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



207.3040, 9.2171, 30.4284



220.6960, -9.2171, -30.4284

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.



190.7330, 8.0196, -52.3858



207.3040, 9.2171, 30.4284



198.0810, -19.7599, -8.8410

Square

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



207.3040, 9.2171, 30.4284



203.2050, -24.2581, 34.0232



194.1410, -7.4645, -32.5727



194.9180, 27.6484, -48.1631

Rectangle

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



207.3040, 9.2171, 30.4284



204.8870, -11.7763, 43.9491



194.1410, -7.4645, -32.5727



190.0940, 17.2087, -59.7184

Sweetspot

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



207.3040, 9.2171, 30.4284



243.8640, 3.0250, 9.7663



197.1680, 22.1022, 4.2377



121.2010, 1.8729, 5.9627



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.



207.3040, 9.2171, 30.4284



211.0430, 11.8108, 38.5503



204.1120, -3.0132, 33.2278



112.5000, 1.7255, 6.5775



69.9500, 30.0976, 100.0219



21.3040, 9.2171, 30.4284

Inverse Universe

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



207.3040, 9.2171, 30.4284



211.0430, 11.8108, 38.5503



223.8880, 3.0132, -33.2278



112.5000, 1.7255, 6.5775



69.9500, 30.0976, 100.0219



21.3040, 9.2171, 30.4284

Previews

White Background



This preview shows how the YUV color 207.3040, 9.2171, 30.4284 looks on a white background.

Color Contrast Check

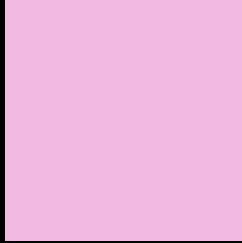
Large Text (above 18pt) WCAG AA × Fail

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 207.3040, 9.2171, 30.4284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

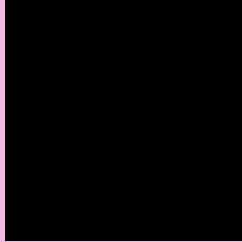
Any Text WCAG AA ✓ Pass

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 207.3040, 9.2171, 30.4284 Background



This preview shows how black text looks on a background with the YUV color 207.3040, 9.2171, 30.4284.



This preview shows how white text looks on a background with the YUV color 207.3040, 9.2171,

30.4284.

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

207.3040, 9.2171, 30.4284

Protanopia

203.7940, 15.8776, -5.9583

Deuteranopia

204.8620, 9.4350, 7.1370



Tritanopia

206.2470, -1.1078, 28.7244

Trichromacy



Original Color

207.3040, 9.2171, 30.4284



Protanomaly

205.1870, 13.2188, 6.8520



Deuteranomaly

205.9170, 9.4079, 15.8588



Tritanomaly

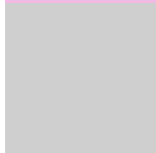
206.8710, 2.5286, 29.0541

Monochromacy



Original Color

207.3040, 9.2171, 30.4284



Achromatopsia

207.0000, 0.0000, 0.0000



Achromatomaly

206.9890, 3.4564, 11.4106

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.3040, 9.2171, 30.4284 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, 186, 226)` looks like.

```
.text, #text, p{  
    color:rgb(242, 186, 226)  
}
```

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, 186, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 186, 226) }
```

Border

The CSS property to change the border of an element to YUV 207.3040, 9.2171, 30.4284 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, 186, 226) }
```


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

```
.border{ border-color:rgb(242, 186, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 186, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 186, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 186, 226);  
box-shadow:4px 4px 4px 4px rgb(242, 186,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 207.3040, 9.2171, 30.4284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 186, 226) }
```

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

```
.background{ background-color: rgb(242,  
186, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor