

Converting Colors

YUV(205.6950, 12.9684,
40.6095)

Have a look what the booklet for
YUV(205.6950, 12.9684, 40.6095)
contains.

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Color

**YUV(205.6950, 12.9684,
40.6095)**

Conversions

Conversions Part 1

Format	Color
Hex	FCB1E8
RGB	252, 177, 232
RGB Percent	99%, 69%, 91%
CMY	0.0118, 0.3059, 0.0902
CMYK	0.00, 0.30, 0.08, 0.01
HSL	316°, 93%, 84%
HSV	316°, 30%, 99%
XYZ	70.4325, 57.9659, 83.8203
YIQ	205.6950, 27.0450, 33.0050

Conversions

Conversions Part 2

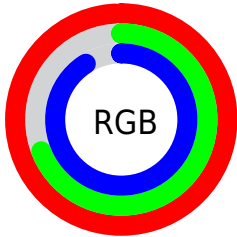
Format	Color
R _Y B	252, 177, 232
Decimal	16560616
CIE Lab	80.72, 35.57, -16.54
CIE LCh	81, 39.224, 335.058
Yxy	57.9659, 0.3319, 0.2731
Android (android.graphics.Color)	4294750696 (0xFFFCB1E8)
YUV	205.6950, 12.9684, 40.6095
Hunter-Lab	76.1354, 31.8928, -11.9798

Details

The YUV color **205.6950, 12.9684, 40.6095** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **223.3050, -12.9684, -40.6095**, and the grayscale version is **206.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.0860, 6.3666, 11.3256**, and **150.2710, 12.6844, 38.3503** is the 20% darker color. If you saturate the color by 10%, you get **190.2220, 17.1456, 54.1793**, and if you desaturate by 10%, it is **221.1680, 8.7912, 27.0397**.

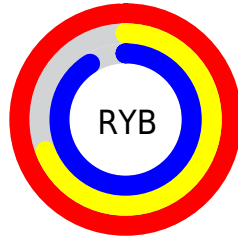
Distribution



Red (99%)

Green (69%)

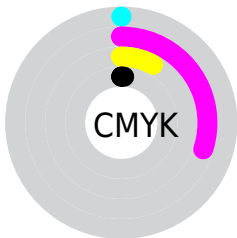
Blue (91%)



Red (99%)

Yellow (69%)

Blue (91%)

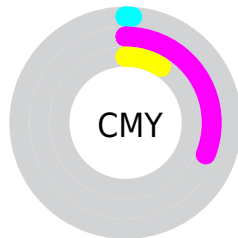


Cyan (0%)

Magenta (30%)

Yellow (8%)

Black (1%)



Cyan (1%)


Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 205.6950, 12.9684, 40.6095 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 205.6950, 12.9684, 40.6095 by changing the saturation by 10% instead.


 205.6950, 12.9684,
40.6095


 205.6950, 12.9684,
40.6095


255.0000, 0.0000,
0.0000


 177.9830, 12.8264,
39.4799


 242.0860, 6.3666,
11.3256

 150.2710, 12.6844,
38.3503

 124.5590, 12.5424,
37.2208

 98.5480, 12.5478,
35.4764

 73.2490, 12.6952,
34.8616

 48.0640, 13.2794,
34.1469

 24.7650, 13.4269,

33.5321

16.0920, 7.3496,
22.7213

0.1140, 0.4368,
-0.1000

205.6950, 12.9684,
40.6095

205.6950, 12.9684,
40.6095

190.2220, 17.1456,
54.1793

221.1680, 8.7912,
27.0397

174.8630, 21.7595,
67.6491

236.5270, 4.1772,
13.5698

158.8030, 26.2261,
81.7338

252.5870, -0.2894,
-0.5148

143.3300, 30.4033,
95.3036

254.1030, 0.4422,
-1.8443

■ 127.8570, 34.5805,
108.8734

■ 112.4980, 39.1945,
122.3433

■ 97.0250, 43.3717,
135.9131

■ 96.4380, 43.6611,
136.4279

Harmonies

Analogous

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



203.7000, 25.2909, 8.1561



205.6950, 12.9684, 40.6095



199.4390, -2.1884, 48.7270

Triad

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



205.6950, 12.9684, 40.6095



197.3590, -34.6870, 18.9792



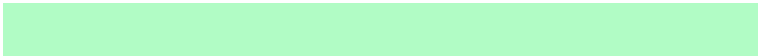
175.4620, 32.3102, -96.8752

Complementary

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



205.6950, 12.9684, 40.6095



223.3050, -12.9684, -40.6095

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.



179.5340, 13.0477, -78.5213



205.6950, 12.9684, 40.6095



193.5230, -26.8798, -11.8597

Square

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



205.6950, 12.9684, 40.6095



200.7950, -32.4369, 44.0298



187.7820, -9.7525, -45.4128



183.4140, 35.2919, -73.1541

Rectangle

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



205.6950, 12.9684, 40.6095



197.8770, -13.2504, 50.0969



187.7820, -9.7525, -45.4128



175.6920, 26.7738, -94.4459

Sweetspot

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



205.6950, 12.9684, 40.6095



240.8150, 4.0352, 12.4402



191.5300, 29.8117, 4.7972



118.7390, 2.5937, 8.1219



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.



205.6950, 12.9684, 40.6095



198.2600, 16.1408, 49.7610



201.4770, -3.1932, 44.3087



117.0270, 2.4517, 6.9923



72.2430, 32.4182, 102.3959



23.3690, 10.6641, 33.0024

Inverse Universe

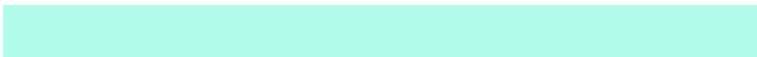
The Inverse Universe completely reimagines the original color for something new.



205.6950, 12.9684, 40.6095



198.2600, 16.1408, 49.7610



227.6370, 3.6300, -44.4086



117.0270, 2.4517, 6.9923



72.2430, 32.4182, 102.3959



23.3690, 10.6641, 33.0024

Previews

White Background



This preview shows how the YUV color 205.6950, 12.9684, 40.6095 looks on a white background.

Color Contrast Check

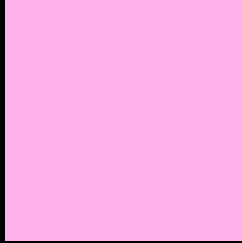
Large Text (above 18pt) WCAG AA × Fail

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 205.6950, 12.9684, 40.6095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

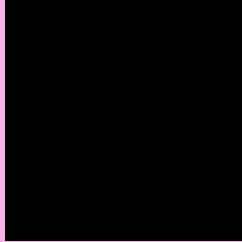
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 205.6950, 12.9684, 40.6095

Background



This preview shows how black text looks on a background with the YUV color 205.6950, 12.9684, 40.6095.



This preview shows how white text looks on a background with the YUV color 205.6950, 12.9684,

40.6095.

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

205.6950, 12.9684, 40.6095

Protanopia

201.7810, 22.2930, -10.3319

Deuteranopia

203.0510, 12.7929, 3.4633



Tritanopia

204.0310, -3.4663, 38.5608

Trichromacy



Original Color

205.6950, 12.9684, 40.6095



Protanomaly

203.3920, 19.0337, 8.4262



Deuteranomaly

203.8400, 12.8969, 16.8033



Tritanomaly

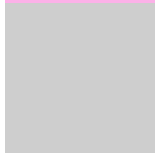
204.6380, 2.6435, 38.9055

Monochromacy



Original Color

205.6950, 12.9684, 40.6095



Achromatopsia

206.0000, 0.0000, 0.0000



Achromatomaly

205.6520, 4.6086, 15.2142

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.6950, 12.9684, 40.6095 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(252, 177, 232)` looks like.

```
.text, #text, p{  
    color:rgb(252, 177, 232)  
}
```

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(252, 177, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 177, 232) }
```

Border

The CSS property to change the border of an element to YUV 205.6950, 12.9684, 40.6095 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(252, 177, 232) }
```


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

```
.border{ border-color:rgb(252, 177, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 177, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 177, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 177, 232);  
box-shadow:4px 4px 4px 4px rgb(252, 177,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 205.6950, 12.9684, 40.6095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 177, 232) }
```

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

```
.background{ background-color: rgb(252,  
177, 232) }
```

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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