

Converting Colors

YUV(201.9790, 5.4334, 30.7134)

Have a look what the booklet for
YUV(201.9790, 5.4334, 30.7134)
contains.

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Color

**YUV(201.9790, 5.4334,
30.7134)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB6D5
RGB	237, 182, 213
RGB Percent	93%, 71%, 84%
CMY	0.0706, 0.2863, 0.1647
CMYK	0.00, 0.23, 0.10, 0.07
HSL	326°, 60%, 82%
HSV	326°, 23%, 93%
XYZ	63.6632, 56.2645, 70.4555
YIQ	201.9790, 22.8290, 21.3010

Conversions

Conversions Part 2

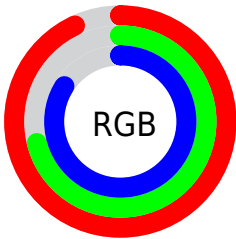
Format	Color
R _Y B	237, 182, 213
Decimal	15578837
CIE Lab	79.76, 24.70, -7.88
CIE LCh	80, 25.924, 342.311
Yxy	56.2645, 0.3344, 0.2955
Android (android.graphics.Color)	4293768917 (0xFFEDB6D5)
YUV	201.9790, 5.4334, 30.7134
Hunter-Lab	75.0097, 20.2320, -3.1835

Details

The YUV color $201.9790, 5.4334, 30.7134$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $217.0210, -5.4334, -30.7134$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.0210, 4.9196, 8.7516$, and $147.8540, 5.0020, 29.0690$ is the 20% darker color. If you saturate the color by 10%, you get $186.7510, 8.0108, 44.0684$, and if you desaturate by 10%, it is $217.2070, 2.8559, 17.3585$.

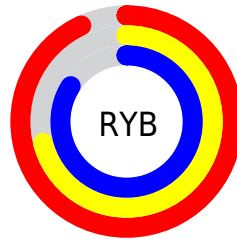
Distribution



Red (93%)

Green (71%)

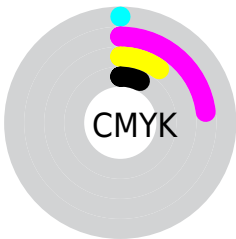
Blue (84%)



Red (93%)

Yellow (71%)

Blue (84%)

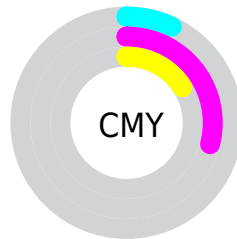


Cyan (0%)

Magenta (23%)

Yellow (10%)

Black (7%)



Cyan (7%)


Magenta (29%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.9790, 5.4334, 30.7134 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 201.9790, 5.4334, 30.7134 by changing the saturation by 10% instead.

 201.9790, 5.4334,
30.7134

 201.9790, 5.4334,
30.7134

255.0000, 0.0000,
0.0000

 174.2670, 5.2914,
29.5838

 245.0210, 4.9196,
8.7516

 147.8540, 5.0020,
29.0690

 121.2560, 5.2968,
27.8395

 96.5440, 5.1548,
26.7099

 71.9460, 5.4496,
25.4804

 48.3480, 5.7444,
24.2508

 26.0490, 5.8918,

23.6360

■ 12.2180, 2.8505,
19.1028

■ 0.0000, 0.0000,
0.0000

■ 201.9790, 5.4334,
30.7134

■ 201.9790, 5.4334,
30.7134

■ 186.7510, 8.0108,
44.0684

■ 217.2070, 2.8559,
17.3585

■ 171.9960, 9.8620,
57.0085

■ 231.9620, 1.0047,
4.4183

■ 156.7680, 12.4394,
70.3635

■ 247.1900, -1.5727,
-8.9366

■ 141.5400, 15.0168,
83.7184

■ 249.5040, 2.2165,
-10.9660

■ 126.7850, 16.8680,
96.6586

■ 249.6180, 2.6533,
-11.0660

■ 111.5570, 19.4454,
110.0135

■ 96.3290, 22.0228,
123.3685

■ 86.1390, 23.5955,
132.3051

Harmonies

Analogous

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



201.0180, 16.2601, 11.3852



201.9790, 5.4334, 30.7134



200.9450, -6.3819, 40.3902

Triad

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



201.9790, 5.4334, 30.7134



195.5070, -22.4350, 9.2024



187.6590, 20.3811, -50.5669

Complementary

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



201.9790, 5.4334, 30.7134



217.0210, -5.4334, -30.7134

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.



187.5100, 9.6086, -48.6823



201.9790, 5.4334, 30.7134



192.4980, -15.5285, -12.7147

Square

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



201.9790, 5.4334, 30.7134



197.9160, -22.6366, 27.2607



189.1670, -3.5333, -33.4725



192.3000, 24.9951, -37.0971

Rectangle

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



201.9790, 5.4334, 30.7134



200.1100, -13.3652, 40.2455



189.1670, -3.5333, -33.4725



186.9640, 17.7657, -51.7114

Sweetspot

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



201.9790, 5.4334, 30.7134



243.5220, 1.7147, 10.0662



195.4460, 20.4861, 9.2559



120.9730, 0.9993, 6.1627



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.



201.9790, 5.4334, 30.7134



209.7890, 7.0060, 39.6500



198.9010, -6.3602, 33.4128



109.9730, 0.9993, 6.1627



65.7470, 17.8727, 101.0769



19.5660, 5.1440, 30.1986

Inverse Universe

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



201.9790, 5.4334, 30.7134



209.7890, 7.0060, 39.6500



220.0990, 6.3602, -33.4128



109.9730, 0.9993, 6.1627



65.7470, 17.8727, 101.0769



19.5660, 5.1440, 30.1986

Previews

White Background



This preview shows how the YUV color 201.9790, 5.4334, 30.7134 looks on a white background.

Color Contrast Check

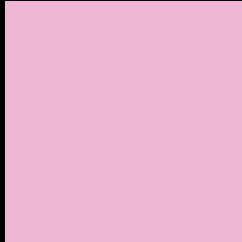
Large Text (above 18pt) WCAG AA × Fail

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 201.9790, 5.4334, 30.7134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

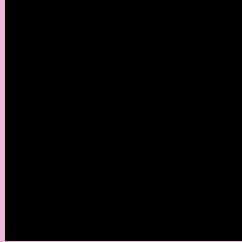
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 201.9790, 5.4334, 30.7134

Background



This preview shows how black text looks on a background with the YUV color 201.9790, 5.4334, 30.7134.



This preview shows how white text looks on a background with the YUV color 201.9790, 5.4334,

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

201.9790, 5.4334, 30.7134

Protanopia

198.9530, 11.3622, -4.3438

Deuteranopia

199.8470, 5.4984, 9.7812



Tritanopia

200.9590, -0.9658, 29.8540

Trichromacy



Original Color

201.9790, 5.4334, 30.7134

Protanomaly

200.4600, 9.1402, 8.3666

Deuteranomaly

200.3040, 5.7661, 17.2734

Tritanomaly

201.2410, 1.3602, 30.4836

Monochromacy



Original Color

201.9790, 5.4334, 30.7134

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.2340, 1.8566, 11.1958

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.9790, 5.4334, 30.7134 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(237, 182, 213)` looks like.

```
.text, #text, p{  
    color:rgb(237, 182, 213)  
}
```

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(237, 182, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 182, 213) }
```

Border

The CSS property to change the border of an element to YUV 201.9790, 5.4334, 30.7134 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(237, 182, 213) }
```


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

```
.border{ border-color:rgb(237, 182, 213) }
```

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

Here you see how a box with a 4 pixel rgb(237, 182, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 182, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 182, 213);  
box-shadow:4px 4px 4px 4px rgb(237, 182,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 201.9790, 5.4334, 30.7134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 182, 213) }
```

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

```
.background{ background-color: rgb(237,  
182, 213) }
```

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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