

Converting Colors

YUV(188.1100, 23.6098,
34.1065)

Have a look what the booklet for
YUV(188.1100, 23.6098, 34.1065)
contains.

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Color

**YUV(188.1100, 23.6098,
34.1065)**

Conversions

Conversions Part 1

Format	Color
Hex	E39FEC
RGB	227, 159, 236
RGB Percent	89%, 62%, 93%
CMY	0.1098, 0.3765, 0.0745
CMYK	0.04, 0.33, 0.00, 0.07
HSL	293°, 67%, 77%
HSV	293°, 33%, 93%
XYZ	59.2170, 47.1833, 85.3431
YIQ	188.1100, 15.8110, 38.3630

Conversions

Conversions Part 2

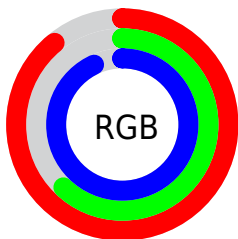
Format	Color
R _{YB}	227, 159, 236
Decimal	14917612
CIE Lab	74.31, 37.79, -28.70
CIE LCh	74, 47.454, 322.784
Yxy	47.1833, 0.3088, 0.2461
Android (android.graphics.Color)	4293107692 (0xFFE39FEC)
YUV	188.1100, 23.6098, 34.1065
Hunter-Lab	68.6901, 33.6753, -25.5810

Details

The YUV color **188.1100, 23.6098, 34.1065** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **206.8900, -23.6098, -34.1065**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.5200, 11.5756, 20.5920**, and **133.8710, 22.7416, 32.5621** is the 20% darker color. If you saturate the color by 10%, you get **173.1250, 30.9974, 44.6174**, and if you desaturate by 10%, it is **203.0950, 16.2222, 23.5957**.

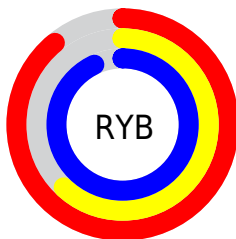
Distribution



Red (89%)

Green (62%)

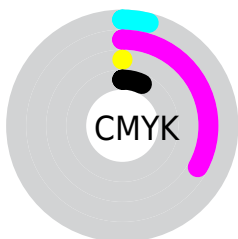
Blue (93%)



Red (89%)

Yellow (62%)

Blue (93%)

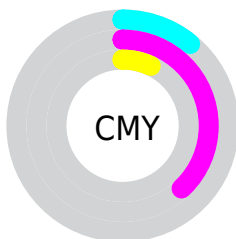


Cyan (4%)

Magenta (33%)

Yellow (0%)

Black (7%)



Cyan (11%)


Magenta (38%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 188.1100, 23.6098, 34.1065 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 188.1100, 23.6098, 34.1065 by changing the saturation by 10% instead.


 188.1100, 23.6098,
34.1065

 188.1100, 23.6098,
34.1065

255.0000, 0.0000,
0.0000


 160.3980, 23.4678,
32.9770


 231.5200, 11.5756,
20.5920


 133.8710, 22.7416,
32.5621

 247.9560, 3.4727,
6.1776

 107.7460, 22.3102,
30.9178

 82.3330, 22.0208,
30.4030

 57.6210, 21.8788,
29.2734

 30.8600, 22.7470,
30.8178

 18.7140, 17.3960,

20.4218

■ 7.2360, 12.2087,
4.1780

■ 0.4560, 1.7472,
-0.3999

■ 188.1100, 23.6098,
34.1065

■ 188.1100, 23.6098,
34.1065

■ 173.1250, 30.9974,
44.6174

■ 203.0950, 16.2222,
23.5957

■ 158.7270, 38.0956,
54.6134

■ 217.4930, 9.1240,
13.5996

■ 144.0410, 45.3358,
65.7390

■ 232.1790, 1.8838,
2.4740

■ 129.6430, 52.4340,
75.7351

■ 246.5770, -5.2145,
-7.5220

■ 114.6580, 59.8216,
86.2459

■ 248.6480, -6.2355,
-6.7073

■ 99.6730, 67.2092,
96.7568

■ 249.5450, -6.6777,
-4.8630

■ 89.0960, 72.4237,
104.2788

■ 250.1430, -6.9725,
-3.6334

■ 251.0400, -7.4147,
-1.7891

■ 251.9370, -7.8569,
0.0553

Harmonies

Analogous

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



182.9240, 35.5335, -10.4573



188.1100, 23.6098, 34.1065



185.3510, 4.7570, 61.0822

Triad

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



188.1100, 23.6098, 34.1065



180.2100, -42.0085, 34.0188



144.8450, 34.5864, -127.0291

Complementary

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



188.1100, 23.6098, 34.1065



206.8900, -23.6098, -34.1065

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.



155.2630, 7.2653, -90.5617



188.1100, 23.6098, 34.1065



175.5540, -37.2481, 0.3911

Square

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



188.1100, 23.6098, 34.1065



182.6660, -33.3593, 59.9289



169.3670, -20.3939, -38.9099



146.0140, 51.7581, -128.0543

Rectangle

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



188.1100, 23.6098, 34.1065



181.4580, -7.6208, 64.4963



169.3670, -20.3939, -38.9099



143.2490, 28.4712, -125.6294

Sweetspot

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



188.1100, 23.6098, 34.1065



239.4280, 7.6770, 11.0256



173.6480, 30.7395, -12.8463



118.0100, 4.9251, 7.0072



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.



188.1100, 23.6098, 34.1065



193.2990, 30.4186, 43.5878



187.6090, 10.0528, 42.4389



110.2440, 3.3307, 5.0480



68.4740, 55.4753, 80.2683



20.2090, 16.6590, 23.4957

Inverse Universe

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



183.0490, -7.4192, 46.4380



186.8550, -9.7885, 59.7632



207.3910, -10.0528, -42.4389



109.4030, -1.1847, 6.6626



56.5130, -17.5079, 109.1751



16.8300, -5.3392, 32.5981

Previews

White Background



This preview shows how the YUV color 188.1100, 23.6098, 34.1065 looks on a white background.

Color Contrast Check

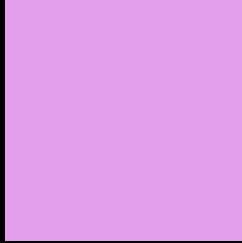
Large Text (above 18pt) WCAG AA × Fail

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 188.1100, 23.6098, 34.1065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

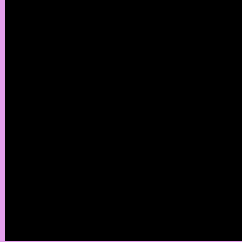
Any Text WCAG AA ✓ Pass

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 188.1100, 23.6098, 34.1065 Background



This preview shows how black text looks on a background with the YUV color 188.1100, 23.6098, 34.1065.



This preview shows how white text looks on a background with the YUV color 188.1100, 23.6098,

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

188.1100, 23.6098, 34.1065

Protanopia

183.4130, 33.8134, -18.7792

Deuteranopia

184.4330, 23.4505, -8.2727



Tritanopia

186.4320, -1.6920, 29.4391

Trichromacy



Original Color

188.1100, 23.6098, 34.1065



Protanomaly

185.2090, 29.9700, 0.6937



Deuteranomaly

185.5320, 23.4017, 7.4264



Tritanomaly

187.1470, 7.3225, 31.4431

Monochromacy



Original Color

188.1100, 23.6098, 34.1065



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.6670, 8.5452, 12.5700

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.1100, 23.6098, 34.1065 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(227, 159, 236)` looks like.

```
.text, #text, p{  
    color:rgb(227, 159, 236)  
}
```

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(227, 159, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 159, 236) }
```

Border

The CSS property to change the border of an element to YUV 188.1100, 23.6098, 34.1065 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(227, 159, 236) }
```


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

```
.border{ border-color:rgb(227, 159, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 159, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 159, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 159, 236); box-shadow:4px 4px 4px 4px rgb(227, 159, 236) }
```

Background

The CSS property to change the background color of an element to YUV 188.1100, 23.6098, 34.1065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 159, 236) }
```

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

```
.background{ background-color: rgb(227,  
159, 236) }
```

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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