

Converting Colors

YUV(188.0040, 14.2950,
35.0765)

Have a look what the booklet for
YUV(188.0040, 14.2950, 35.0765)
contains.

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Color

**YUV(188.0040, 14.2950,
35.0765)**

Conversions

Conversions Part 1

Format	Color
Hex	E4A2D9
RGB	228, 162, 217
RGB Percent	89%, 64%, 85%
CMY	0.1059, 0.3647, 0.1490
CMYK	0.00, 0.29, 0.05, 0.11
HSL	310°, 55%, 76%
HSV	310°, 29%, 89%
XYZ	57.4396, 47.3444, 71.7566
YIQ	188.0040, 21.6810, 31.0970

Conversions

Conversions Part 2

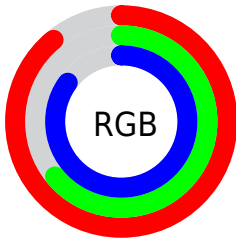
Format	Color
R _Y B	228, 162, 217
Decimal	14983897
CIE Lab	74.41, 33.03, -18.17
CIE LCh	74, 37.698, 331.189
Yxy	47.3444, 0.3254, 0.2682
Android (android.graphics.Color)	4293173977 (0xFFE4A2D9)
YUV	188.0040, 14.2950, 35.0765
Hunter-Lab	68.8073, 28.5973, -13.6663

Details

The YUV color **188.0040, 14.2950, 35.0765** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **201.9960, -14.2950, -35.0765**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.2810, 10.7075, 19.0476**, and **133.8790, 13.8637, 33.4321** is the 20% darker color. If you saturate the color by 10%, you get **174.0470, 19.2038, 47.3168**, and if you desaturate by 10%, it is **201.9610, 9.3862, 22.8362**.

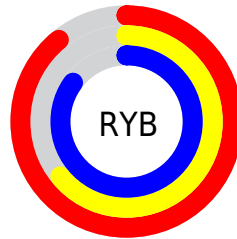
Distribution



Red (89%)

Green (64%)

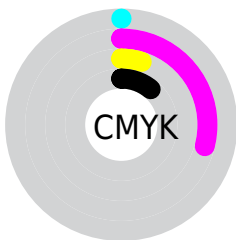
Blue (85%)



Red (89%)

Yellow (64%)

Blue (85%)

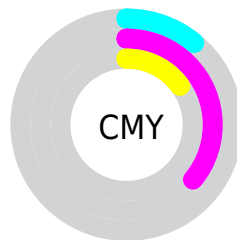


Cyan (0%)

Magenta (29%)

Yellow (5%)

Black (11%)



Cyan (11%)


Magenta (36%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 188.0040, 14.2950, 35.0765 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 188.0040, 14.2950, 35.0765 by changing the saturation by 10% instead.

 188.0040, 14.2950,
35.0765


 188.0040, 14.2950,
35.0765


255.0000, 0.0000,
0.0000


 160.5910, 14.0056,
34.5617


 233.2810, 10.7075,
19.0476


 133.8790, 13.8637,
33.4321

 249.7170, 2.6045,
4.6332

 108.1670, 13.7217,
32.3025

 83.0420, 13.2903,
30.6582

 58.7430, 13.4377,
30.0434

 33.8570, 13.8745,
29.9434

 18.0150, 10.8386,

23.6658

■ 6.0530, 6.3829,
6.0925

■ 0.0000, 0.0000,
0.0000

■ 188.0040, 14.2950,
35.0765

■ 188.0040, 14.2950,
35.0765

■ 174.0470, 19.2038,
47.3168

■ 201.9610, 9.3862,
22.8362

■ 160.0900, 24.1126,
59.5571

■ 215.9180, 4.4774,
10.5959

■ 146.8340, 29.1688,
71.1826

■ 229.1740, -0.5788,
-1.0296

■ 132.8770, 34.0776,
83.4229

■ 243.1310, -5.4876,
-13.2699

■ 118.9200, 38.9864,
95.6632

■ 244.7610, -4.3192,
-14.6994

■ 104.9630, 43.8952,
107.9034

■ 245.2170, -2.5720,
-15.0993

■ 91.0060, 48.8040,
120.1437

■ 245.6730, -0.8248,
-15.4992

■ 89.8320, 49.3828,
121.1733

■ 246.0150, 0.4856,
-15.7992

■ 246.4710, 2.2328,
-16.1991

Harmonies

Analogous

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



186.2370, 27.4912, 2.4232



188.0040, 14.2950, 35.0765



186.5860, -1.7679, 53.8601

Triad

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



188.0040, 14.2950, 35.0765



180.4240, -33.2400, 21.5532



157.7890, 29.6840, -94.5310

Complementary

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



188.0040, 14.2950, 35.0765



201.9960, -14.2950, -35.0765

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.



164.2530, 9.2423, -71.2589



188.0040, 14.2950, 35.0765



176.9580, -26.6013, -7.8562

Square

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



188.0040, 14.2950, 35.0765



182.8920, -29.5268, 43.9447



171.7720, -11.2266, -39.2650



165.7880, 38.0655, -76.1131

Rectangle

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



188.0040, 14.2950, 35.0765



185.4480, -12.5459, 57.4891



171.7720, -11.2266, -39.2650



158.3290, 23.9948, -89.7425

Sweetspot

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



188.0040, 14.2950, 35.0765



241.0430, 4.9088, 12.2403



172.8130, 27.2072, 0.1640



118.8530, 3.0305, 8.0219



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.



188.0040, 14.2950, 35.0765



201.0470, 19.2038, 47.3168



184.2420, -0.1193, 38.3758



107.7280, 2.5991, 6.3775



70.5070, 38.6970, 95.1484



20.0370, 10.8278, 27.1546

Inverse Universe

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



188.0040, 14.2950, 35.0765



201.0470, 19.2038, 47.3168



205.7580, 0.1193, -38.3758



107.7280, 2.5991, 6.3775



70.5070, 38.6970, 95.1484



20.0370, 10.8278, 27.1546

Previews

White Background



This preview shows how the YUV color 188.0040, 14.2950, 35.0765 looks on a white background.

Color Contrast Check

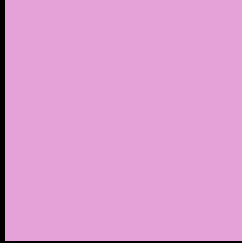
Large Text (above 18pt) WCAG AA × Fail

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 188.0040, 14.2950, 35.0765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

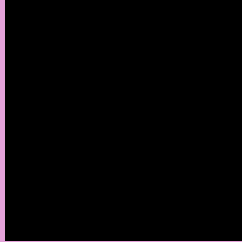
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.0040, 14.2950, 35.0765

Background



This preview shows how black text looks on a background with the YUV color 188.0040, 14.2950, 35.0765.



This preview shows how white text looks on a background with the YUV color 188.0040, 14.2950,

35.0765.

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

188.0040, 14.2950, 35.0765

Protanopia

183.5960, 22.8772, -11.0467

Deuteranopia

185.0830, 14.2561, 0.8042



Tritanopia

186.6280, -2.2816, 31.8982

Trichromacy



Original Color

188.0040, 14.2950, 35.0765



Protanomaly

185.1960, 19.6234, 5.9671



Deuteranomaly

186.1600, 14.2181, 13.0147



Tritanomaly

186.9470, 3.9701, 33.3725

Monochromacy



Original Color

188.0040, 14.2950, 35.0765



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.4560, 5.1982, 12.7551

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.0040, 14.2950, 35.0765 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(228, 162, 217)` looks like.

```
.text, #text, p{  
    color:rgb(228, 162, 217)  
}
```

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(228, 162, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 162, 217) }
```

Border

The CSS property to change the border of an element to YUV 188.0040, 14.2950, 35.0765 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(228, 162, 217) }
```


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

```
.border{ border-color:rgb(228, 162, 217) }
```

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

Here you see how a box with a 4 pixel rgb(228, 162, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 162, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 162, 217);  
box-shadow:4px 4px 4px 4px rgb(228, 162,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 188.0040, 14.2950, 35.0765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 162, 217) }
```

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

```
.background{ background-color: rgb(228,  
162, 217) }
```

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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