

Converting Colors

YUV(189.5610, 6.1324, 39.8500)

Have a look what the booklet for
YUV(189.5610, 6.1324, 39.8500)
contains.

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Color

**YUV(189.5610, 6.1324,
39.8500)**

Conversions

Conversions Part 1

Format	Color
Hex	EBA4CA
RGB	235, 164, 202
RGB Percent	92%, 64%, 79%
CMY	0.0784, 0.3569, 0.2078
CMYK	0.00, 0.30, 0.14, 0.08
HSL	328°, 64%, 78%
HSV	328°, 30%, 92%
XYZ	58.1971, 48.4774, 62.1669
YIQ	189.5610, 30.1180, 26.8700

Conversions

Conversions Part 2

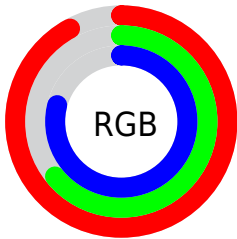
Format	Color
R _Y B	235, 164, 202
Decimal	15443146
CIE Lab	75.13, 31.80, -8.81
CIE LCh	75, 32.995, 344.519
Yxy	48.4774, 0.3447, 0.2871
Android (android.graphics.Color)	4293633226 (0xFFEBA4CA)
YUV	189.5610, 6.1324, 39.8500
Hunter-Lab	69.6257, 27.3554, -4.2004

Details

The YUV color **189.5610, 6.1324, 39.8500** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **209.4390, -6.1324, -39.8500**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.4550, 10.1287, 18.0180**, and **135.2510, 6.2853, 37.4909** is the 20% darker color. If you saturate the color by 10%, you get **174.8060, 7.9836, 52.7901**, and if you desaturate by 10%, it is **204.9030, 3.9918, 26.3951**.

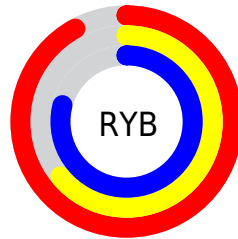
Distribution



Red (92%)

Green (64%)

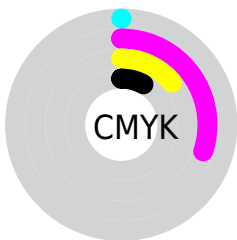
Blue (79%)



Red (92%)

Yellow (64%)

Blue (79%)

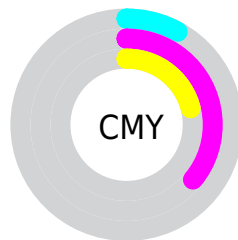


Cyan (0%)

Magenta (30%)

Yellow (14%)

Black (8%)



Cyan (8%)


Magenta (36%)


Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.5610, 6.1324, 39.8500 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 189.5610, 6.1324, 39.8500 by changing the saturation by 10% instead.


 189.5610, 6.1324,
39.8500


 189.5610, 6.1324,
39.8500

255.0000, 0.0000,
0.0000


 161.9630, 6.4272,
38.6204

 234.4550, 10.1287,
18.0180


 135.2510, 6.2853,
37.4909

 250.8910, 2.0257,
3.6036

 109.5390, 6.1433,
36.3613

 84.5280, 6.1487,
34.6169

 60.0440, 6.8803,
33.2874

 35.2720, 7.7539,
33.0875

 18.0710, 5.8810,

27.1247

■ 6.9910, -2.9536,
14.0399

■ 0.0000, 0.0000,
0.0000

■ 189.5610, 6.1324,
39.8500

■ 189.5610, 6.1324,
39.8500

■ 174.8060, 7.9836,
52.7901

■ 204.9030, 3.9918,
26.3951

■ 159.4640, 10.1242,
66.2451

■ 219.6580, 2.1406,
13.4549

■ 144.7090, 11.9755,
79.1852

■ 235.0000, 0.0000,
0.0000

■ 129.3670, 14.1161,
92.6401

■ 247.9940, -0.9830,
-11.3957

■ 114.6120, 15.9673,
105.5803

■ 249.0200, 2.9481,
-12.2955

■ 99.2700, 18.1079,
119.0352

■ 84.6290, 20.3959,
131.8754

Harmonies

Analogous

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



189.1480, 19.1540, 16.5332



189.5610, 6.1324, 39.8500



188.1420, -8.4510, 50.7415

Triad

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



189.5610, 6.1324, 39.8500



181.8290, -27.5237, 8.0430



169.0030, 28.5925, -71.0396

Complementary

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



189.5610, 6.1324, 39.8500



209.4390, -6.1324, -39.8500

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.



168.4690, 15.0518, -67.9403



189.5610, 6.1324, 39.8500



178.0690, -18.2750, -18.4775

Square

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



189.5610, 6.1324, 39.8500



184.7440, -28.4678, 30.9195



173.3180, -2.6218, -45.8829



177.1720, 32.4532, -49.2628

Rectangle

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



189.5610, 6.1324, 39.8500



186.8400, -17.1761, 49.2523



173.3180, -2.6218, -45.8829



167.6670, 24.8142, -72.4990

Sweetspot

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



189.5610, 6.1324, 39.8500



240.2450, 1.8512, 12.9401



181.6620, 26.2956, 12.5744



118.3970, 1.2833, 8.4218



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.



189.5610, 6.1324, 39.8500



196.0940, 7.8417, 51.6606



185.6850, -8.7187, 43.2493



109.9730, 0.9993, 6.1627



65.1770, 15.6887, 101.5768



19.4520, 4.7072, 30.2986

Inverse Universe

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



189.5610, 6.1324, 39.8500



196.0940, 7.8417, 51.6606



213.3150, 8.7187, -43.2493



109.9730, 0.9993, 6.1627



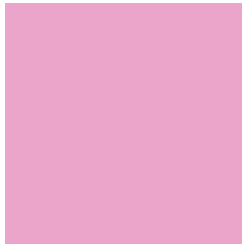
65.1770, 15.6887, 101.5768



19.4520, 4.7072, 30.2986

Previews

White Background



This preview shows how the YUV color 189.5610, 6.1324, 39.8500 looks on a white background.

Color Contrast Check

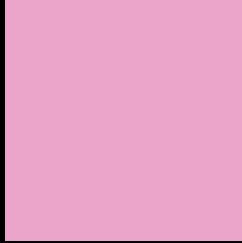
Large Text (above 18pt) WCAG AA × Fail

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 189.5610, 6.1324, 39.8500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

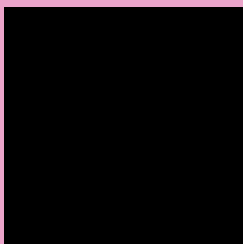
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.5610, 6.1324, 39.8500

Background



This preview shows how black text looks on a background with the YUV color 189.5610, 6.1324, 39.8500.



This preview shows how white text looks on a background with the YUV color 189.5610, 6.1324,

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

189.5610, 6.1324, 39.8500

Protanopia

186.3380, 14.1304, -5.5584

Deuteranopia

187.2490, 5.7932, 8.5516



Tritanopia

188.6180, -3.7557, 38.0460

Trichromacy



Original Color

189.5610, 6.1324, 39.8500



Protanomaly

187.6390, 11.0240, 10.8406



Deuteranomaly

188.0270, 5.9027, 20.1473



Tritanomaly

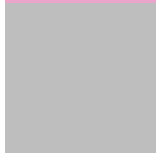
189.2420, -0.1193, 38.3758

Monochromacy



Original Color

189.5610, 6.1324, 39.8500



Achromatopsia

190.0000, 0.0000, 0.0000



Achromatomaly

189.9570, 1.9932, 14.0697

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.5610, 6.1324, 39.8500 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(235, 164, 202)` looks like.

```
.text, #text, p{  
    color:rgb(235, 164, 202)  
}
```

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(235, 164, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 164, 202) }
```

Border

The CSS property to change the border of an element to YUV 189.5610, 6.1324, 39.8500 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(235, 164, 202) }
```


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

```
.border{ border-color:rgb(235, 164, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 164, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 164, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 164, 202);  
box-shadow:4px 4px 4px 4px rgb(235, 164,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 189.5610, 6.1324, 39.8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 164, 202) }
```

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

```
.background{ background-color: rgb(235,  
164, 202) }
```

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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