

Converting Colors

YUV(200.8390, 1.0654, 31.7132)

Have a look what the booklet for
YUV(200.8390, 1.0654, 31.7132)
contains.

YUV(200.8390, 1.0654, 31.7132)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(200.8390, 1.0654,
31.7132)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB6CB
RGB	237, 182, 203
RGB Percent	93%, 71%, 80%
CMY	0.0706, 0.2863, 0.2039
CMYK	0.00, 0.23, 0.14, 0.07
HSL	337°, 60%, 82%
HSV	337°, 23%, 93%
XYZ	62.4325, 55.7722, 63.9745
YIQ	200.8390, 26.0390, 18.1910

Conversions

Conversions Part 2

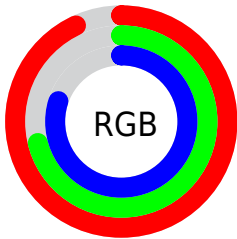
Format	Color
R _Y B	237, 182, 203
Decimal	15578827
CIE Lab	79.48, 23.07, -2.88
CIE LCh	79, 23.248, 352.873
Yxy	55.7722, 0.3427, 0.3061
Android (android.graphics.Color)	4293768907 (0xFFEDB6CB)
YUV	200.8390, 1.0654, 31.7132
Hunter-Lab	74.6808, 18.5330, 1.4864

Details

The YUV color $200.8390, 1.0654, 31.7132$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $218.1610, -1.0654, -31.7132$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.0210, 4.9196, 8.7516$, and $146.5290, 1.2182, 29.3541$ is the 20% darker color. If you saturate the color by 10%, you get $185.0410, 1.4588, 45.5680$, and if you desaturate by 10%, it is $216.6370, 0.6720, 17.8584$.

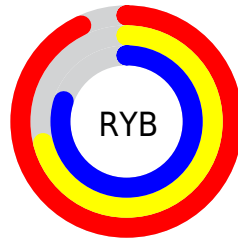
Distribution



Red (93%)

Green (71%)

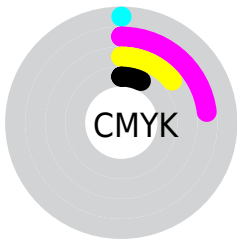
Blue (80%)



Red (93%)

Yellow (71%)

Blue (80%)

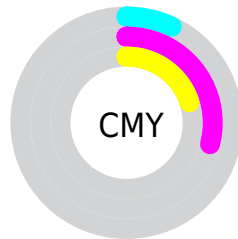


Cyan (0%)

Magenta (23%)

Yellow (14%)

Black (7%)



Cyan (7%)

Magenta (29%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 200.8390, 1.0654, 31.7132 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 200.8390, 1.0654, 31.7132 by changing the saturation by 10% instead.

 200.8390, 1.0654,
31.7132

 200.8390, 1.0654,
31.7132


255.0000, 0.0000,
0.0000


 173.2410, 1.3602,
30.4836


 245.0210, 4.9196,
8.7516

 146.5290, 1.2182,
29.3541

 120.2300, 1.3656,
28.7393

 95.5180, 1.2236,
27.6097

 71.0340, 1.9552,
26.2802

 48.0230, 1.9607,
24.5358

 24.9520, 2.9817,

23.7211

■ 10.8500, -2.3910,
20.3026

■ 0.0000, 0.0000,
0.0000

■ 200.8390, 1.0654,
31.7132

■ 200.8390, 1.0654,
31.7132

■ 185.0410, 1.4588,
45.5680

■ 216.6370, 0.6720,
17.8584

■ 169.9440, 1.9996,
58.8081

■ 231.7340, 0.1311,
4.6183

■ 154.1460, 2.3930,
72.6630

■ 247.5320, -0.2623,
-9.2366

■ 138.3480, 2.7864,
86.5178

■ 249.6180, 2.6533,
-11.0660

■ 123.2510, 3.3273,
99.7579

■ 107.4530, 3.7207,
113.6127

■ 91.6550, 4.1141,
127.4676

■ 81.1230, 4.3764,
136.7041

Harmonies

Analogous

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



200.3840, 11.1497, 17.2032



200.8390, 1.0654, 31.7132



199.8260, -9.2812, 36.9866

Triad

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



200.8390, 1.0654, 31.7132



194.4890, -18.4821, 1.3251



190.0130, 20.2066, -41.2304

Complementary

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



200.8390, 1.0654, 31.7132



218.1610, -1.0654, -31.7132

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.



187.9280, 12.3605, -44.6639



200.8390, 1.0654, 31.7132



191.4310, -10.5655, -17.9180

Square

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



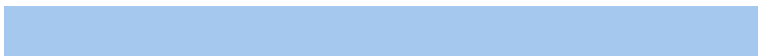
200.8390, 1.0654, 31.7132



196.6160, -21.0097, 18.7538



189.0080, 0.9821, -35.0870



193.9810, 22.1944, -25.4163

Rectangle

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



200.8390, 1.0654, 31.7132



199.2080, -15.3855, 34.8976



189.0080, 0.9821, -35.0870



188.8340, 18.3228, -43.7044

Sweetspot

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



200.8390, 1.0654, 31.7132



243.1800, 0.4043, 10.3661



198.4360, 19.0121, 15.4036



120.7450, 0.1257, 6.3626



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.



200.8390, 1.0654, 31.7132



208.3070, 1.3276, 40.9498



201.9670, -9.8437, 30.7239



109.7450, 0.1257, 6.3626



61.9850, 3.4584, 104.3762



18.4260, 0.7760, 31.1984

Inverse Universe

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



200.8390, 1.0654, 31.7132



208.3070, 1.3276, 40.9498



217.0330, 9.8437, -30.7239



109.7450, 0.1257, 6.3626



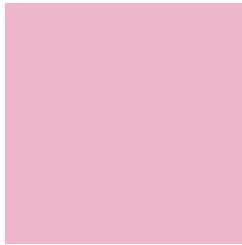
61.9850, 3.4584, 104.3762



18.4260, 0.7760, 31.1984

Previews

White Background



This preview shows how the YUV color 200.8390, 1.0654, 31.7132 looks on a white background.

Color Contrast Check

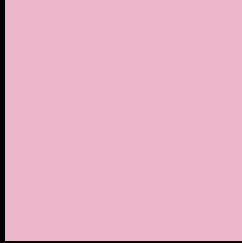
Large Text (above 18pt) WCAG AA × Fail

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 200.8390, 1.0654, 31.7132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

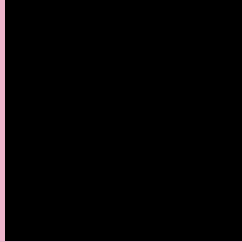
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.8390, 1.0654, 31.7132

Background



This preview shows how black text looks on a background with the YUV color 200.8390, 1.0654, 31.7132.



This preview shows how white text looks on a background with the YUV color 200.8390, 1.0654,

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

200.8390, 1.0654, 31.7132

Protanopia

198.0090, 6.4046, -0.8849

Deuteranopia

199.0170, 0.9776, 13.1401



Tritanopia

200.4430, -1.6974, 31.1835

Trichromacy



Original Color

200.8390, 1.0654, 31.7132

Protanomaly

199.2170, 4.3300, 11.2107

Deuteranomaly

199.7620, 1.1033, 19.5027

Tritanomaly

200.6710, -0.8238, 30.9835

Monochromacy



Original Color

200.8390, 1.0654, 31.7132

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.8920, 0.5462, 11.4957

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.8390, 1.0654, 31.7132 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(237, 182, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 182, 203) }
```

Border

The CSS property to change the border of an element to YUV 200.8390, 1.0654, 31.7132 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, 203) }
```


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

```
.border{ border-color:rgb(237, 182, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 182, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 182, 203);  
box-shadow:4px 4px 4px 4px rgb(237, 182,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 200.8390, 1.0654, 31.7132 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, 203) }
```

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

```
.background{ background-color: rgb(237,  
182, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor