

Converting Colors

YUV(203.6390, -2.2870,
33.6426)

Have a look what the booklet for
YUV(203.6390, -2.2870, 33.6426)
contains.

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Color

**YUV(203.6390, -2.2870,
33.6426)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B9C7
RGB	242, 185, 199
RGB Percent	95%, 73%, 78%
CMY	0.0510, 0.2745, 0.2196
CMYK	0.00, 0.24, 0.18, 0.05
HSL	345°, 69%, 84%
HSV	345°, 24%, 95%
XYZ	64.2757, 57.6987, 61.7821
YIQ	203.6390, 29.4780, 16.4380

Conversions

Conversions Part 2

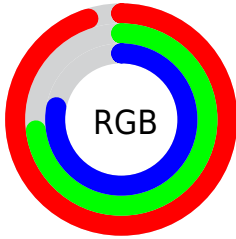
Format	Color
R _Y B	242, 185, 199
Decimal	15907271
CIE Lab	80.57, 22.62, 0.93
CIE LCh	81, 22.638, 2.343
Yxy	57.6987, 0.3498, 0.3140
Android (android.graphics.Color)	4294097351 (0xFF2B9C7)
YUV	203.6390, -2.2870, 33.6426
Hunter-Lab	75.9597, 18.1141, 4.9480

Details

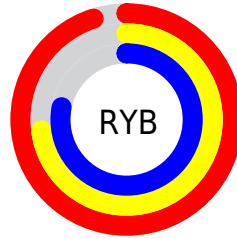
The YUV color $203.6390, -2.2870, 33.6426$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $223.3610, 2.2870, -33.6426$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.7820, 4.0515, 7.2072$, and $149.3290, -2.1342, 31.2835$ is the 20% darker color. If you saturate the color by 10%, you get $187.4990, -3.2040, 47.7974$, and if you desaturate by 10%, it is $219.7790, -1.3700, 19.4878$.

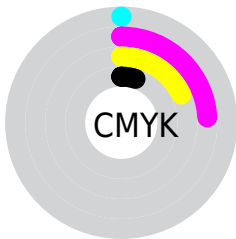
Distribution



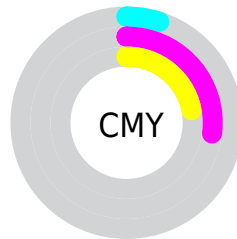
- Red (95%)
- Green (73%)
- Blue (78%)



- Red (95%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (5%)





- Cyan (5%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 203.6390, -2.2870, 33.6426 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 203.6390, -2.2870, 33.6426 by changing the saturation by 10% instead.

 203.6390, -2.2870,
33.6426

 203.6390, -2.2870,
33.6426


255.0000, 0.0000,
0.0000


 176.0410, -1.9922,
32.4130


 246.7820, 4.0515,
7.2072

 149.3290, -2.1342,
31.2835

 123.1440, -1.5500,
30.5687

 97.5460, -1.2552,
29.3392

 73.5350, -1.2498,
27.5948

 50.0510, -0.5181,
26.2653

 27.5670, 0.2135,

24.9357

■ 11.1770, -5.0173,
22.6468

■ 0.0000, 0.0000,
0.0000

■ 203.6390, -2.2870,
33.6426

■ 203.6390, -2.2870,
33.6426

■ 187.4990, -3.2040,
47.7974

■ 219.7790, -1.3700,
19.4878

■ 171.2450, -4.5578,
62.0521

■ 236.0330, -0.0163,
5.2331

■ 154.5180, -5.1854,
76.7217

■ 250.9990, 1.4795,
-7.8921

■ 138.3780, -6.1024,
90.8765

■ 251.1130, 1.9163,
-7.9921

■ 122.2380, -7.0193,
105.0313

■ 105.9840, -8.3731,
119.2860

■ 89.8440, -9.2901,
133.4408

■ 79.0840, -9.9014,
142.8773

Harmonies

Analogous

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



203.9070, 7.9338, 22.0066



203.6390, -2.2870, 33.6426



202.7180, -12.1860, 35.3273

Triad

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



203.6390, -2.2870, 33.6426



196.7270, -16.1344, -5.0226



194.2740, 21.0639, -36.1973

Complementary

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



203.6390, -2.2870, 33.6426



223.3610, 2.2870, -33.6426

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.



191.6230, 14.9759, -43.5194



203.6390, -2.2870, 33.6426



193.7230, -6.7654, -23.4361

Square

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



203.6390, -2.2870, 33.6426



199.1100, -20.2672, 13.9355



191.6100, 4.6293, -38.2460



198.7970, 21.2991, -18.2390

Rectangle

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



203.6390, -2.2870, 33.6426



201.4310, -16.9745, 31.1940



191.6100, 4.6293, -38.2460



193.1980, 19.6224, -40.5156

Sweetspot

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



203.6390, -2.2870, 33.6426



242.9520, -0.4693, 10.5661



204.3550, 18.5590, 20.7367



120.6310, -0.3111, 6.4626



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.



203.6390, -2.2870, 33.6426



207.1670, -3.0403, 41.9495



210.2610, -12.4537, 27.8351



111.9300, -0.4585, 7.0774



60.1460, -7.4670, 108.6200



18.3400, -2.1396, 33.0278

Inverse Universe

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



203.6390, -2.2870, 33.6426



207.1670, -3.0403, 41.9495



216.7390, 12.4537, -27.8351



111.9300, -0.4585, 7.0774



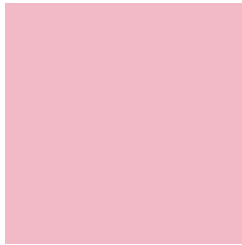
60.1460, -7.4670, 108.6200



18.3400, -2.1396, 33.0278

Previews

White Background



This preview shows how the YUV color 203.6390, -2.2870, 33.6426 looks on a white background.

Color Contrast Check

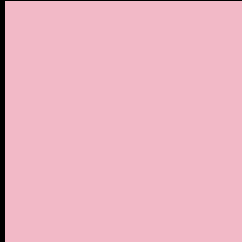
Large Text (above 18pt) WCAG AA × Fail

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 203.6390, -2.2870, 33.6426 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 203.6390, -2.2870, 33.6426

Background



This preview shows how black text looks on a background with the YUV color 203.6390, -2.2870, 33.6426.



This preview shows how white text looks on a background with the YUV color 203.6390, -2.2870,

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

203.6390, -2.2870, 33.6426

Protanopia

200.8090, 3.0522, 1.0445

Deuteranopia

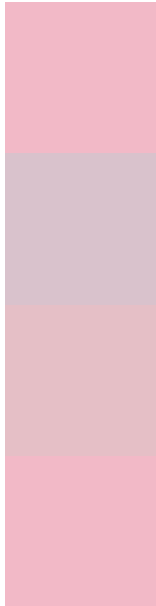
202.4150, -2.6696, 16.2990



Tritanopia

203.6390, -2.2870, 33.6426

Trichromacy



Original Color

203.6390, -2.2870, 33.6426

Protanomaly

202.0170, 0.9776, 13.1401

Deuteranomaly

203.1600, -2.5439, 22.6617

Tritanomaly

203.6390, -2.2870, 33.6426

Monochromacy



Original Color

203.6390, -2.2870, 33.6426

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.8490, -0.9116, 12.4104

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.6390, -2.2870, 33.6426 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(242, 185, 199)` looks like.

```
.text, #text, p{  
    color:rgb(242, 185, 199)  
}
```

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(242, 185, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 185, 199) }
```

Border

The CSS property to change the border of an element to YUV 203.6390, -2.2870, 33.6426 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(242, 185, 199) }
```


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

```
.border{ border-color:rgb(242, 185, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 185, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 185, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 185, 199);  
box-shadow:4px 4px 4px 4px rgb(242, 185,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 203.6390, -2.2870, 33.6426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 185, 199) }
```

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

```
.background{ background-color: rgb(242,  
185, 199) }
```

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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