

Converting Colors

YUV(213.8190, -5.3338,
30.8537)

Have a look what the booklet for
YUV(213.8190, -5.3338, 30.8537)
contains.

YUV(213.8190, -5.3338, 30.8537)	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(213.8190, -5.3338,
30.8537)**

Conversions

Conversions Part 1

Format	Color
Hex	F9C6CB
RGB	249, 198, 203
RGB Percent	98%, 78%, 80%
CMY	0.0235, 0.2235, 0.2039
CMYK	0.00, 0.20, 0.18, 0.02
HSL	354°, 81%, 88%
HSV	354°, 20%, 98%
XYZ	70.0405, 64.8397, 65.3237
YIQ	213.8190, 28.7910, 12.3670

Conversions

Conversions Part 2

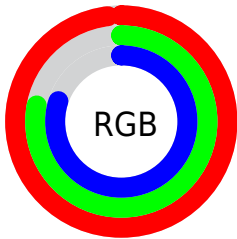
Format	Color
R_{YB}	249, 198, 203
Decimal	16369355
CIE _{Lab}	84.40, 18.86, 4.42
CIE _{LCh}	84, 19.369, 13.203
Yxy	64.8397, 0.3498, 0.3239
Android (android.graphics.Color)	4294559435 (0xFFFF9C6CB)
YUV	213.8190, -5.3338, 30.8537
Hunter-Lab	80.5231, 14.3472, 8.2677

Details

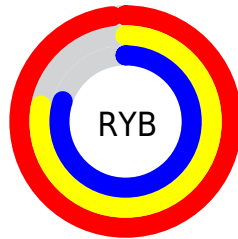
The YUV color $213.8190, -5.3338, 30.8537$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $233.1810, 5.3338, -30.8537$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $158.9220, -4.8915, 29.0094$ is the 20% darker color. If you saturate the color by 10%, you get $196.6360, -7.7085, 45.9232$, and if you desaturate by 10%, it is $231.0020, -2.9590, 15.7842$.

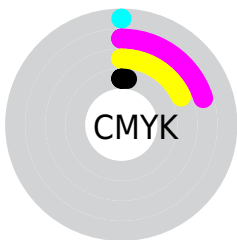
Distribution



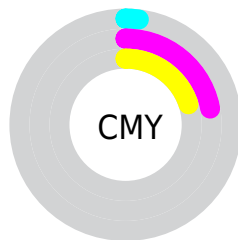
- Red (98%)
- Green (78%)
- Blue (80%)



- Red (98%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (20%)
- Yellow (18%)
- Black (2%)



- Cyan (2%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.8190, -5.3338, 30.8537 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 213.8190, -5.3338, 30.8537 by changing the saturation by 10% instead.

213.8190, -5.3338,
30.8537

213.8190, -5.3338,
30.8537

255.0000, 0.0000,
0.0000

186.2210, -5.0390,
29.6242

158.9220, -4.8915,
29.0094

132.3240, -4.5967,
27.7799

106.7260, -4.3019,
26.5503

82.2420, -3.5703,
25.2208

58.6440, -3.2755,
23.9912

36.7470, -2.8333,

22.1469

■ 13.2310, -3.5649,
23.4764

■ 0.0000, 0.0000,
0.0000

■ 213.8190, -5.3338,
30.8537

■ 213.8190, -5.3338,
30.8537

■ 196.6360, -7.7085,
45.9232

■ 231.0020, -2.9590,
15.7842

■ 179.3390,
-10.5201, 61.0927

■ 248.2990, -0.1474,
0.6148

■ 162.1560,
-12.8949, 76.1622

■ 253.2060, 0.8844,
-3.6887

■ 144.8590,
-15.7065, 91.3317

■ 128.2630,
-18.3707, 105.8863

■ 110.9660,
-21.1822, 121.0558

■ 93.7830, -23.5570,
136.1253

■ 77.1870, -26.2212,
150.6800

Harmonies

Analogous

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



214.1800, 3.8553, 23.5211



213.8190, -5.3338, 30.8537



212.7450, -13.1853, 29.1646

Triad

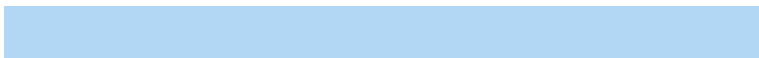
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



213.8190, -5.3338, 30.8537



206.9590, -11.3188, -9.6110



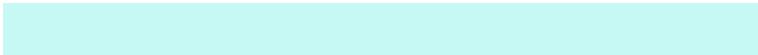
207.3570, 18.5580, -25.7461

Complementary

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



213.8190, -5.3338, 30.8537



233.1810, 5.3338, -30.8537

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.



204.9660, 14.8068, -35.9272



213.8190, -5.3338, 30.8537



204.4500, -2.6868, -24.9506

Square

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



213.8190, -5.3338, 30.8537



209.2770, -16.8986, 6.7731



203.6150, 7.0918, -34.7424



210.8260, 17.3408, -8.6174

Rectangle

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



213.8190, -5.3338, 30.8537



211.6150, -16.0792, 24.0166



203.6150, 7.0918, -34.7424



206.5090, 17.9901, -30.2644

Sweetspot

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



213.8190, -5.3338, 30.8537



244.5990, -1.7743, 9.1217



217.5680, 15.4960, 23.1809



121.6910, -1.3267, 5.5330



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.



213.8190, -5.3338, 30.8537



210.8200, -6.8133, 38.7459



224.9890, -13.3056, 21.0576



116.1150, -1.0427, 7.7921



58.5630, -19.9976, 114.3932



18.9230, -6.3710, 36.9015

Inverse Universe

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



213.8190, -5.3338, 30.8537



210.8200, -6.8133, 38.7459



222.0110, 13.3056, -21.0576



116.1150, -1.0427, 7.7921



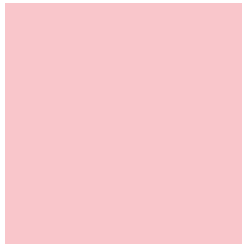
58.5630, -19.9976, 114.3932



18.9230, -6.3710, 36.9015

Previews

White Background



This preview shows how the YUV color 213.8190, -5.3338, 30.8537 looks on a white background.

Color Contrast Check

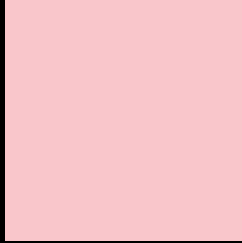
Large Text (above 18pt) WCAG AA × Fail

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 213.8190, -5.3338, 30.8537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

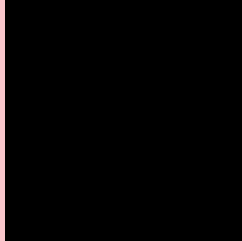
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.8190, -5.3338, 30.8537

Background



This preview shows how black text looks on a background with the YUV color 213.8190, -5.3338, 30.8537.



This preview shows how white text looks on a background with the YUV color 213.8190, -5.3338,

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

213.8190, -5.3338, 30.8537

Protanopia

211.4950, -0.7370, 3.0739

Deuteranopia

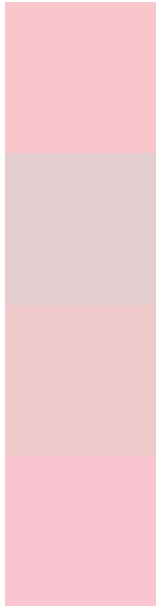
213.0410, -5.4432, 19.2580



Tritanopia

214.5570, -1.2606, 31.0835

Trichromacy



Original Color

213.8190, -5.3338, 30.8537

Protanomaly

212.3930, -2.6587, 12.8103

Deuteranomaly

213.3620, -5.6015, 23.3615

Tritanomaly

214.2150, -2.5710, 31.3834

Monochromacy



Original Color

213.8190, -5.3338, 30.8537

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.9090, -1.9271, 11.4808

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.8190, -5.3338, 30.8537 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(249, 198, 203)` looks like.

```
.text, #text, p{  
    color:rgb(249, 198, 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(249, 198, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 198, 203) }
```

Border

The CSS property to change the border of an element to YUV 213.8190, -5.3338, 30.8537 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(249, 198, 203) }
```


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

```
.border{ border-color:rgb(249, 198, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 198, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 198, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 198, 203);  
box-shadow:4px 4px 4px 4px rgb(249, 198,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 213.8190, -5.3338, 30.8537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 198, 203) }
```

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

```
.background{ background-color: rgb(249,  
198, 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](#).

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