

Converting Colors

YUV(190.8150, 4.0352, 12.4402)

Have a look what the booklet for
YUV(190.8150, 4.0352, 12.4402)
contains.

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Color

**YUV(190.8150, 4.0352,
12.4402)**

Conversions

Conversions Part 1

Format	Color
Hex	CDB6C7
RGB	205, 182, 199
RGB Percent	80%, 71%, 78%
CMY	0.1961, 0.2863, 0.2196
CMYK	0.00, 0.11, 0.03, 0.20
HSL	316°, 19%, 76%
HSV	316°, 11%, 80%
XYZ	52.2136, 50.5586, 61.0397
YIQ	190.8150, 8.2510, 10.1630

Conversions

Conversions Part 2

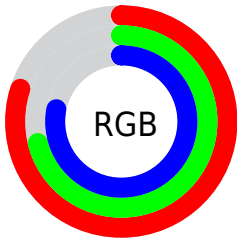
Format	Color
R_{YB}	205, 182, 199
Decimal	13481671
CIE Lab	76.41, 11.18, -5.58
CIE LCh	76, 12.492, 333.462
Yxy	50.5586, 0.3187, 0.3086
Android (android.graphics.Color)	4291671751 (0xFFCDB6C7)
YUV	190.8150, 4.0352, 12.4402
Hunter-Lab	71.1045, 6.6434, -1.1243

Details

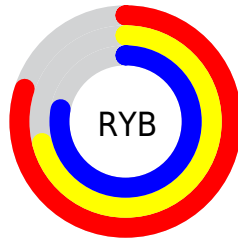
The YUV color $190.8150, 4.0352, 12.4402$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $196.1850, -4.0352, -12.4402$, and the grayscale version is $191.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.0210, 4.9196, 8.7516$, and $137.4020, 3.7458, 11.9254$ is the 20% darker color. If you saturate the color by 10%, you get $178.5050, 7.6390, 23.2361$, and if you desaturate by 10%, it is $203.7120, 0.1420, 1.1296$.

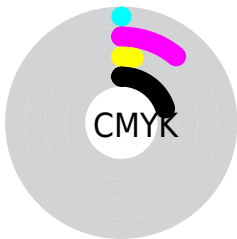
Distribution



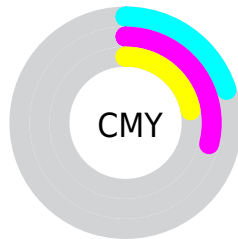
- Red (80%)
- Green (71%)
- Blue (78%)



- Red (80%)
- Yellow (71%)
- Blue (78%)



- Cyan (0%)
- Magenta (11%)
- Yellow (3%)
- Black (20%)



- Cyan (20%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.8150, 4.0352, 12.4402 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 190.8150, 4.0352, 12.4402 by changing the saturation by 10% instead.

■ 190.8150, 4.0352,
12.4402

■ 190.8150, 4.0352,
12.4402

255.0000, 0.0000,
0.0000

■ 163.5160, 4.1826,
11.8255

■ 245.0210, 4.9196,
8.7516

■ 137.4020, 3.7458,
11.9254

■ 112.1030, 3.8932,
11.3107

■ 87.6900, 3.6038,
10.7959

■ 64.2770, 3.3144,
10.2811

■ 41.9780, 3.4618,
9.6663

■ 20.6790, 3.6093,

9.0515

■ 0.0000, 0.0000,
0.0000

■ 190.8150, 4.0352,
12.4402

■ 190.8150, 4.0352,
12.4402

■ 178.5050, 7.6390,
23.2361

■ 203.7120, 0.1420,
1.1296

■ 165.4940, 11.0955,
34.6468

■ 216.1360, -3.0250,
-9.7663

■ 153.1840, 14.6993,
45.4426

■ 228.4460, -6.6289,
-20.5621

■ 140.2870, 18.5925,
56.7533

■ 236.0600, -7.9176,
-27.2396

■ 127.8630, 21.7595,
67.6491

■ 236.7440, -5.2968,
-27.8395

■ 114.9660, 25.6528,
78.9598

■ 237.3140, -3.1128,
-28.3394

■ 102.6560, 29.2566,
89.7557

■ 237.8840, -0.9288,
-28.8393

■ 89.6450, 32.7130,
101.1663

■ 238.5680, 1.6920,
-29.4391

■ 78.6230, 36.1749,
110.8326

■ 239.1380, 3.8760,
-29.9390

Harmonies

Analogous

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



190.0140, 8.8671, 2.6187



190.8150, 4.0352, 12.4402



190.9530, -1.9488, 18.4582

Triad

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



190.8150, 4.0352, 12.4402



188.1830, -10.9362, 7.7325



185.2190, 7.7800, -22.1171

Complementary

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



190.8150, 4.0352, 12.4402



196.1850, -4.0352, -12.4402

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.



184.4490, 2.2436, -19.6878



190.8150, 4.0352, 12.4402



186.9860, -8.8671, -2.6187

Square

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



190.8150, 4.0352, 12.4402



189.0530, -10.3791, 15.7395



185.2990, -3.5984, -12.5402



186.1640, 11.2581, -17.6838

Rectangle

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



190.8150, 4.0352, 12.4402



190.4540, -5.1538, 19.7728



185.2990, -3.5984, -12.5402



184.4640, 6.1802, -22.3319

Sweetspot

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



190.8150, 4.0352, 12.4402



250.0760, 1.4415, 4.3183



186.4160, 9.1619, 1.3892



124.2500, 0.8628, 3.2887



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.



190.8150, 4.0352, 12.4402



234.6030, 5.6187, 17.8882



189.5610, -0.7696, 13.5400



95.7880, 1.5835, 5.4479



63.6560, 29.2566, 89.7557



14.5540, 6.6289, 20.5621

Inverse Universe

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



190.8150, 4.0352, 12.4402



234.6030, 5.6187, 17.8882



197.4390, 0.7696, -13.5400



95.7880, 1.5835, 5.4479



63.6560, 29.2566, 89.7557



14.5540, 6.6289, 20.5621

Previews

White Background



This preview shows how the YUV color 190.8150, 4.0352, 12.4402 looks on a white background.

Color Contrast Check

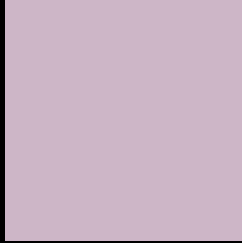
Large Text (above 18pt) WCAG AA × Fail

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 190.8150, 4.0352, 12.4402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

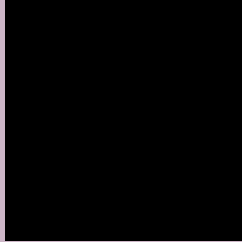
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.8150, 4.0352, 12.4402

Background



This preview shows how black text looks on a background with the YUV color 190.8150, 4.0352, 12.4402.



This preview shows how white text looks on a background with the YUV color 190.8150, 4.0352,

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

190.8150, 4.0352, 12.4402

Protanopia

189.0090, 6.4046, -0.8849

Deuteranopia

190.5050, 4.1880, 10.0811



Tritanopia

190.5870, 3.1616, 12.6402

Trichromacy



Original Color

190.8150, 4.0352, 12.4402

Protanomaly

189.5150, 5.6621, 3.9333

Deuteranomaly

190.8040, 4.0406, 10.6959

Tritanomaly

190.7010, 3.5984, 12.5402

Monochromacy



Original Color

190.8150, 4.0352, 12.4402

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

191.0760, 1.4415, 4.3183

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.8150, 4.0352, 12.4402 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(205, 182, 199)` looks like.

```
.text, #text, p{  
    color:rgb(205, 182, 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(205, 182, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 182, 199) }
```

Border

The CSS property to change the border of an element to YUV 190.8150, 4.0352, 12.4402 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(205, 182, 199) }
```


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

```
.border{ border-color:rgb(205, 182, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 182, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 182, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 182, 199);  
box-shadow:4px 4px 4px 4px rgb(205, 182,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 190.8150, 4.0352, 12.4402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 182, 199) }
```

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

```
.background{ background-color: rgb(205,  
182, 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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