

Converting Colors

YUV(204.8930, 12.3778,
-3.4142)

Have a look what the booklet for
YUV(204.8930, 12.3778, -3.4142)
contains.

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Color

**YUV(204.8930, 12.3778,
-3.4142)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CAE6
RGB	201, 202, 230
RGB Percent	79%, 79%, 90%
CMY	0.2118, 0.2078, 0.0980
CMYK	0.13, 0.12, 0.00, 0.10
HSL	238°, 37%, 85%
HSV	238°, 13%, 90%
XYZ	59.4909, 60.3717, 83.3803
YIQ	204.8930, -9.5840, 8.4960

Conversions

Conversions Part 2

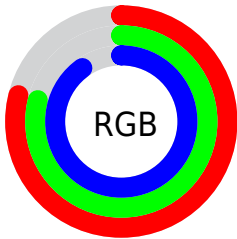
Format	Color
R _Y B	201, 202, 230
Decimal	13224678
CIE Lab	82.04, 5.12, -13.94
CIE LCh	82, 14.852, 290.148
Yxy	60.3717, 0.2927, 0.2970
Android (android.graphics.Color)	4291414758 (0xFFC9CAE6)
YUV	204.8930, 12.3778, -3.4142
Hunter-Lab	77.6993, 0.6958, -9.2356

Details

The YUV color **204.8930, 12.3778, -3.4142** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **226.1070, -12.3778, 3.4142**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **150.6650, 11.5042, -3.2142** is the 20% darker color. If you saturate the color by 10%, you get **185.1020, 22.1347, -6.2285**, and if you desaturate by 10%, it is **224.6840, 2.6208, -0.5999**.

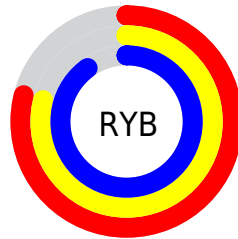
Distribution



Red (79%)

Green (79%)

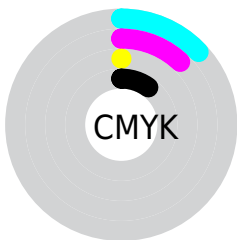
Blue (90%)



Red (79%)

Yellow (79%)

Blue (90%)

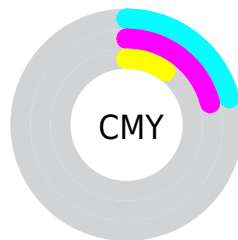


Cyan (13%)

Magenta (12%)

Yellow (0%)

Black (10%)



Cyan (21%)

Magenta (21%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.8930, 12.3778, -3.4142 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 204.8930, 12.3778, -3.4142 by changing the saturation by 10% instead.

■ 204.8930, 12.3778,
-3.4142

■ 204.8930, 12.3778,
-3.4142

255.0000, 0.0000,
0.0000

■ 177.7790, 11.9410,
-3.3142

■ 150.6650, 11.5042,
-3.2142

■ 124.6650, 11.5042,
-3.2142

■ 99.5510, 11.0674,
-3.1142

■ 76.0240, 10.3412,
-3.5290

■ 52.9100, 9.9044,
-3.4291

■ 31.4970, 9.6150,

-3.9439

■ 7.5510, 11.0674,
-3.1142

■ 0.1140, 0.4368,
-0.1000

■ 204.8930, 12.3778,
-3.4142

■ 204.8930, 12.3778,
-3.4142

■ 185.1020, 22.1347,
-6.2285

■ 224.6840, 2.6208,
-0.5999

■ 165.3110, 31.8917,
-9.0427

■ 244.4750, -7.1362,
2.2144

■ 144.9330, 41.9380,
-11.3422

■ 252.1500,
-10.9200, 2.4994

■ 125.1420, 51.6950,
-14.1565

■ 105.3510, 61.4520,
-16.9708

■ 85.5600, 71.2089,
-19.7851

■ 65.7690, 80.9659,
-22.5994

■ 45.3910, 91.0122,
-24.8989

■ 30.9160, 98.1484,
-27.1133

Harmonies

Analogous

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



202.8590, 13.8735, -16.5393



204.8930, 12.3778, -3.4142



206.7160, 7.5350, 9.8961

Triad

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



204.8930, 12.3778, -3.4142



205.2710, -10.9796, 21.6873



199.7540, -0.3717, -20.8323

Complementary

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



204.8930, 12.3778, -3.4142



226.1070, -12.3778, 3.4142

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.



200.9850, -7.3876, -10.5108



204.8930, 12.3778, -3.4142



203.9450, -13.2839, 14.0802

Square

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



204.8930, 12.3778, -3.4142



206.6610, -5.7489, 23.9763



202.5090, -12.0829, 2.1846



199.2570, 6.7753, -26.5354

Rectangle

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



204.8930, 12.3778, -3.4142



207.0220, 3.4402, 16.6437



202.5090, -12.0829, 2.1846



199.7930, -2.8559, -17.3585

Sweetspot

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



204.8930, 12.3778, -3.4142



246.1400, 4.3680, -0.9998



221.2150, 3.8380, -17.7286



121.7980, 3.0576, -0.6998



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.



204.8930, 12.3778, -3.4142



221.9190, 16.3089, -4.3140



208.1930, 10.7509, 5.0927



104.9550, 4.9522, -1.7145



23.9280, 76.4505, -20.9849



6.9880, 21.6979, -6.1285

Inverse Universe

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



209.7850, -3.8380, 17.7286



228.4760, -5.1647, 23.2615



222.8070, -10.7509, -5.0927



106.7020, -1.3321, 7.2773



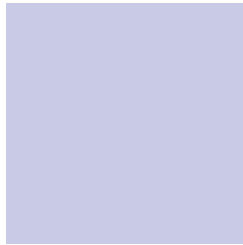
54.2050, -23.7651, 109.4452



15.4770, -6.6442, 31.1537

Previews

White Background



This preview shows how the YUV color 204.8930, 12.3778, -3.4142 looks on a white background.

Color Contrast Check

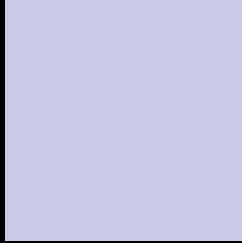
Large Text (above 18pt) WCAG AA × Fail

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 204.8930, 12.3778, -3.4142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

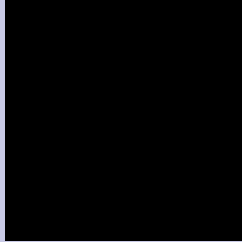
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.8930, 12.3778, -3.4142

Background



This preview shows how black text looks on a background with the YUV color 204.8930, 12.3778, -3.4142.



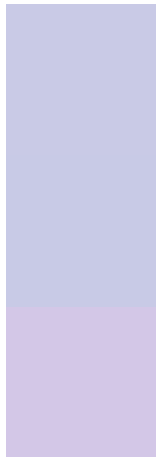
This preview shows how white text looks on a background with the YUV color 204.8930, 12.3778, -3.4142.

-3.4142.

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

204.8930, 12.3778, -3.4142

Protanopia

204.5940, 12.5252, -4.0289

Deuteranopia

206.2360, 12.2087, 4.1780



Tritanopia

204.3290, 7.7258, -4.6735

Trichromacy



Original Color

204.8930, 12.3778, -3.4142

Protanomaly

204.5940, 12.5252, -4.0289

Deuteranomaly

205.6270, 12.5089, 1.2041

Tritanomaly

204.4970, 9.6150, -3.9439

Monochromacy



Original Color

204.8930, 12.3778, -3.4142

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

205.1400, 4.3680, -0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.8930, 12.3778, -3.4142 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(201, 202, 230)` looks like.

```
.text, #text, p{  
    color:rgb(201, 202, 230)  
}
```

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(201, 202, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 202, 230) }
```

Border

The CSS property to change the border of an element to YUV 204.8930, 12.3778, -3.4142 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(201, 202, 230) }
```


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

```
.border{ border-color:rgb(201, 202, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 202, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 202, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 202, 230);  
box-shadow:4px 4px 4px 4px rgb(201, 202,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 204.8930, 12.3778, -3.4142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 202, 230) }
```

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

```
.background{ background-color: rgb(201,  
202, 230) }
```

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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