

Converting Colors

YUV(218.8390, -2.3856,
18.5582)

Have a look what the booklet for
YUV(218.8390, -2.3856, 18.5582)
contains.

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Color

**YUV(218.8390, -2.3856,
18.5582)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D1D6
RGB	240, 209, 214
RGB Percent	94%, 82%, 84%
CMY	0.0588, 0.1804, 0.1608
CMYK	0.00, 0.13, 0.11, 0.06
HSL	350°, 51%, 88%
HSV	350°, 13%, 94%
XYZ	70.8732, 68.9812, 73.1976
YIQ	218.8390, 16.8710, 8.1270

Conversions

Conversions Part 2

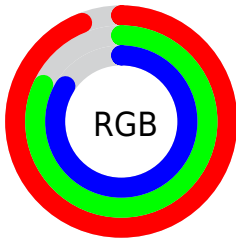
Format	Color
R _Y B	240, 209, 214
Decimal	15782358
CIE Lab	86.49, 11.62, 1.51
CIE LCh	86, 11.713, 7.416
Yxy	68.9812, 0.3327, 0.3238
Android (android.graphics.Color)	4293972438 (0xFFFF0D1D6)
YUV	218.8390, -2.3856, 18.5582
Hunter-Lab	83.0549, 6.9732, 5.8853

Details

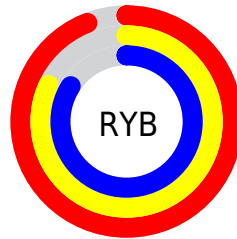
The YUV color $218.8390, -2.3856, 18.5582$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $230.1610, 2.3856, -18.5582$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $164.1270, -2.5276, 17.4286$ is the 20% darker color. If you saturate the color by 10%, you get $202.4710, -4.1762, 32.9129$, and if you desaturate by 10%, it is $235.2070, -0.5951, 4.2035$.

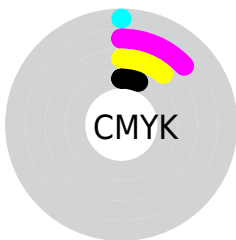
Distribution



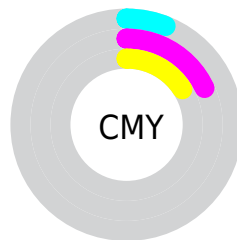
- Red (94%)
- Green (82%)
- Blue (84%)



- Red (94%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (13%)
- Yellow (11%)
- Black (6%)



- Cyan (6%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.8390, -2.3856, 18.5582 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 218.8390, -2.3856, 18.5582 by changing the saturation by 10% instead.

218.8390, -2.3856,
18.5582

218.8390, -2.3856,
18.5582

255.0000, 0.0000,
0.0000

190.8390, -2.3856,
18.5582

164.1270, -2.5276,
17.4286

137.8280, -2.3802,
16.8138

111.6430, -1.7960,
16.0991

87.3440, -1.6486,
15.4843

64.0450, -1.5012,
14.8695

42.0340, -1.4958,

13.1252

■ 20.7350, -1.3484,
12.5104

■ 0.0000, 0.0000,
0.0000

■ 218.8390, -2.3856,
18.5582

■ 218.8390, -2.3856,
18.5582

■ 202.4710, -4.1762,
32.9129

■ 235.2070, -0.5951,
4.2035

■ 186.1030, -5.9668,
47.2677

■ 250.4010, 1.7743,
-9.1217

■ 169.7350, -7.7574,
61.6224

■ 250.5150, 2.2111,
-9.2217

■ 153.2530, -9.9847,
76.0771

■ 136.8850,
-11.7753, 90.4319

■ 120.5170,
-13.5659, 104.7866

■ 104.1490,
-15.3565, 119.1413

■ 87.7810, -17.1470,
133.4961

■ 76.2060, -18.3426,
143.6473

Harmonies

Analogous

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



218.8860, 3.0142, 13.2550



218.8390, -2.3856, 18.5582



218.1720, -7.4798, 19.1432

Triad

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



218.8390, -2.3856, 18.5582



214.6160, -7.6987, -4.0482



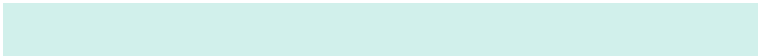
214.7620, 10.9633, -16.4543

Complementary

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



218.8390, -2.3856, 18.5582



230.1610, 2.3856, -18.5582

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.



212.9310, 7.9220, -20.9875



218.8390, -2.3856, 18.5582



213.2280, -2.5774, -13.3550

Square

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



218.8390, -2.3856, 18.5582



216.2860, -10.4940, 5.8882



212.6770, 3.1172, -19.8877



216.1160, 10.7888, -7.1177

Rectangle

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



218.8390, -2.3856, 18.5582



217.5800, -9.6529, 16.1543



212.6770, 3.1172, -19.8877



214.2240, 10.2426, -18.6134

Sweetspot

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



218.8390, -2.3856, 18.5582



248.1040, -1.0373, 6.0478



220.3080, 9.7082, 12.8849



123.2070, -0.5951, 4.2035



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.



218.8390, -2.3856, 18.5582



227.0570, -2.9861, 24.5060



224.1390, -7.4635, 13.9101



111.8160, -0.8953, 7.1774



58.4360, -14.0189, 110.1196



17.7700, -4.3236, 33.5277

Inverse Universe

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



218.8390, -2.3856, 18.5582



227.0570, -2.9861, 24.5060



224.8610, 7.4635, -13.9101



111.8160, -0.8953, 7.1774



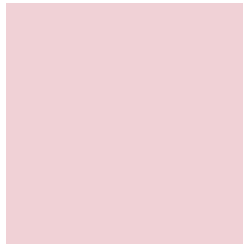
58.4360, -14.0189, 110.1196



17.7700, -4.3236, 33.5277

Previews

White Background



This preview shows how the YUV color 218.8390, -2.3856, 18.5582 looks on a white background.

Color Contrast Check

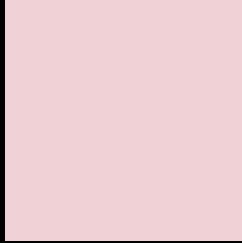
Large Text (above 18pt) WCAG AA × Fail

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 218.8390, -2.3856, 18.5582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

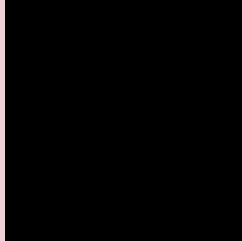
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.8390, -2.3856, 18.5582

Background



This preview shows how black text looks on a background with the YUV color 218.8390, -2.3856, 18.5582.

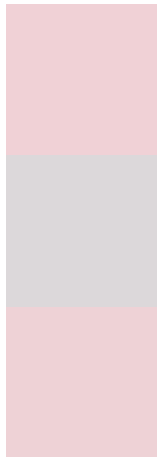


This preview shows how white text looks on a background with the YUV color 218.8390, -2.3856,

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

218.8390, -2.3856, 18.5582

Protanopia

217.4240, 0.2840, 2.2592

Deuteranopia

218.8280, -2.3802, 16.8138



Tritanopia

219.1040, 2.4137, 19.2028

Trichromacy



Original Color

218.8390, -2.3856, 18.5582

Protanomaly

217.6420, -0.3165, 8.2070

Deuteranomaly

219.1270, -2.5276, 17.4286

Tritanomaly

219.2350, 0.3771, 19.0879

Monochromacy



Original Color

218.8390, -2.3856, 18.5582

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

218.8160, -0.8953, 7.1774

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.8390, -2.3856, 18.5582 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(240, 209, 214)` looks like.

```
.text, #text, p{  
    color:rgb(240, 209, 214)  
}
```

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(240, 209, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 209, 214) }
```

Border

The CSS property to change the border of an element to YUV 218.8390, -2.3856, 18.5582 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(240, 209, 214) }
```


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

```
.border{ border-color:rgb(240, 209, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 209, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 209, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 209, 214);  
box-shadow:4px 4px 4px 4px rgb(240, 209,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 218.8390, -2.3856, 18.5582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 209, 214) }
```

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

```
.background{ background-color: rgb(240,  
209, 214) }
```

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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