

Converting Colors

YUV(226.8150, 4.0352, 12.4402)

Have a look what the booklet for
YUV(226.8150, 4.0352, 12.4402)
contains.

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Color

**YUV(226.8150, 4.0352,
12.4402)**

Conversions

Conversions Part 1

Format	Color
Hex	F1DAEB
RGB	241, 218, 235
RGB Percent	95%, 85%, 92%
CMY	0.0549, 0.1451, 0.0784
CMYK	0.00, 0.10, 0.02, 0.05
HSL	316°, 45%, 90%
HSV	316°, 10%, 95%
XYZ	76.3424, 74.8417, 89.0195
YIQ	226.8150, 8.2510, 10.1630

Conversions

Conversions Part 2

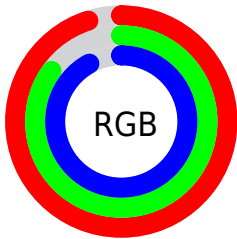
Format	Color
R _Y B	241, 218, 235
Decimal	15850219
CIE Lab	89.32, 10.82, -5.43
CIE LCh	89, 12.104, 333.351
Yxy	74.8417, 0.3178, 0.3116
Android (android.graphics.Color)	4294040299 (0xFFFF1DAEB)
YUV	226.8150, 4.0352, 12.4402
Hunter-Lab	86.5111, 6.1243, -0.4513

Details

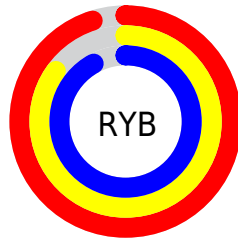
The YUV color $226.8150, 4.0352, 12.4402$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $232.1850, -4.0352, -12.4402$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $171.4020, 3.7458, 11.9254$ is the 20% darker color. If you saturate the color by 10%, you get $212.0430, 8.3598, 25.3953$, and if you desaturate by 10%, it is $241.5870, -0.2894, -0.5148$.

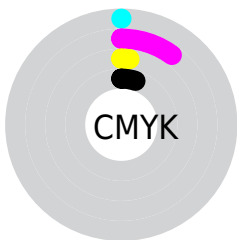
Distribution



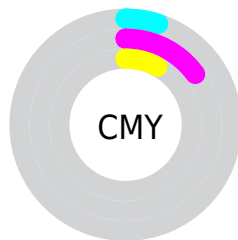
- Red (95%)
- Green (85%)
- Blue (92%)



- Red (95%)
- Yellow (85%)
- Blue (92%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (5%)





- Cyan (5%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 226.8150, 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 226.8150, 4.0352, 12.4402 by changing the saturation by 10% instead.


 226.8150, 4.0352,
12.4402


 226.8150, 4.0352,
12.4402


255.0000, 0.0000,
0.0000


 198.8150, 4.0352,
12.4402

 171.4020, 3.7458,
11.9254

 145.1030, 3.8932,
11.3107

 119.1030, 3.8932,
11.3107

 94.3910, 3.7512,
10.1811

 70.9780, 3.4618,
9.6663

 47.9780, 3.4618,

9.6663

■ 27.2660, 3.3199,
8.5367

■ 5.7390, 2.5937,
8.1219

■ 226.8150, 4.0352,
12.4402

■ 226.8150, 4.0352,
12.4402

■ 212.0430, 8.3598,
25.3953

■ 241.5870, -0.2894,
-0.5148

■ 197.1570, 12.2476,
38.4503

■ 250.0160, -0.9939,
-7.9070

■ 182.3850, 16.5722,
51.4054

■ 250.7000, 1.6269,
-8.5069

■ 167.6130, 20.8968,
64.3604

■ 250.8140, 2.0637,
-8.6069

■ 152.8410, 25.2214,
77.3154

■ 137.3680, 29.3986,
90.8853

■ 122.5960, 33.7232,
103.8403

■ 107.8240, 38.0478,
116.7954

■ 92.9380, 41.9356,
129.8504

Harmonies

Analogous

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



225.7150, 9.0145, 2.0039



226.8150, 4.0352, 12.4402



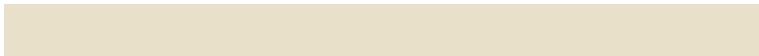
226.9530, -1.9488, 18.4582

Triad

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



226.8150, 4.0352, 12.4402



224.1830, -10.9362, 7.7325



221.2190, 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.



226.8150, 4.0352, 12.4402



232.1850, -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.



220.4490, 2.2436, -19.6878



226.8150, 4.0352, 12.4402



222.9860, -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.



226.8150, 4.0352, 12.4402



225.3520, -10.5265, 16.3543



221.2990, -3.5984, -12.5402



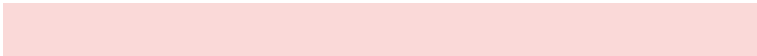
222.1640, 11.2581, -17.6838

Rectangle

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



226.8150, 4.0352, 12.4402



226.7530, -5.3012, 20.3876



221.2990, -3.5984, -12.5402



220.7630, 6.0328, -21.7172

Sweetspot

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



226.8150, 4.0352, 12.4402



250.0760, 1.4415, 4.3183



222.4160, 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.



226.8150, 4.0352, 12.4402



237.7660, 5.0454, 15.1142



225.5610, -0.7696, 13.5400



112.6140, 2.1623, 6.4775



70.5200, 32.2816, 99.5220



21.4180, 9.6539, 30.3284

Inverse Universe

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



226.8150, 4.0352, 12.4402



237.7660, 5.0454, 15.1142



233.4390, 0.7696, -13.5400



112.6140, 2.1623, 6.4775



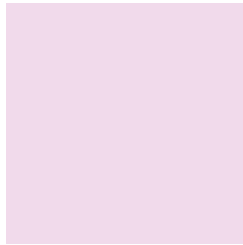
70.5200, 32.2816, 99.5220



21.4180, 9.6539, 30.3284

Previews

White Background



This preview shows how the YUV color 226.8150, 4.0352, 12.4402 looks on a white background.

Color Contrast Check

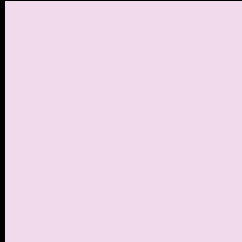
Large Text (above 18pt) WCAG AA × Fail

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 226.8150, 4.0352, 12.4402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

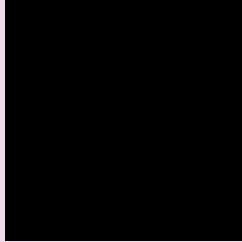
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 226.8150, 4.0352, 12.4402

Background



This preview shows how black text looks on a background with the YUV color 226.8150, 4.0352, 12.4402.



This preview shows how white text looks on a background with the YUV color 226.8150, 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

226.8150, 4.0352, 12.4402

Protanopia

225.3080, 6.2572, -0.2701

Deuteranopia

226.8150, 4.0352, 12.4402



Tritanopia

226.8150, 4.0352, 12.4402

Trichromacy



Original Color

226.8150, 4.0352, 12.4402

Protanomaly

225.8140, 5.5147, 4.5481

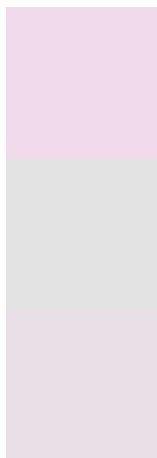
Deuteranomaly

226.8150, 4.0352, 12.4402

Tritanomaly

226.8150, 4.0352, 12.4402

Monochromacy



Original Color

226.8150, 4.0352, 12.4402

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

227.0760, 1.4415, 4.3183

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.8150, 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(241, 218, 235)` looks like.

```
.text, #text, p{  
    color:rgb(241, 218, 235)  
}
```

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(241, 218, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 218, 235) }
```

Border

The CSS property to change the border of an element to YUV 226.8150, 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(241, 218, 235) }
```


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

```
.border{ border-color:rgb(241, 218, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 218, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 218, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 218, 235);  
box-shadow:4px 4px 4px 4px rgb(241, 218,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 226.8150, 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(241, 218, 235) }
```

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

```
.background{ background-color: rgb(241,  
218, 235) }
```

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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