

Converting Colors

YUV(202.3780, 17.0686,
32.1175)

Have a look what the booklet for
YUV(202.3780, 17.0686, 32.1175)
contains.

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Color

**YUV(202.3780, 17.0686,
32.1175)**

Conversions

Conversions Part 1

Format	Color
Hex	EFB1ED
RGB	239, 177, 237
RGB Percent	94%, 69%, 93%
CMY	0.0627, 0.3059, 0.0706
CMYK	0.00, 0.26, 0.01, 0.06
HSL	302°, 66%, 82%
HSV	302°, 26%, 94%
XYZ	66.6048, 55.9094, 87.4019
YIQ	202.3780, 17.6920, 31.8040

Conversions

Conversions Part 2

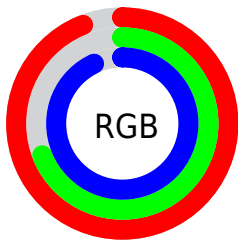
Format	Color
R _Y B	239, 177, 237
Decimal	15708653
CIE _{Lab}	79.56, 32.21, -21.11
CIE _{LCh}	80, 38.508, 326.755
Yxy	55.9094, 0.3173, 0.2663
Android (android.graphics.Color)	4293898733 (0xFFEFB1ED)
YUV	202.3780, 17.0686, 32.1175
Hunter-Lab	74.7726, 28.1495, -16.9634

Details

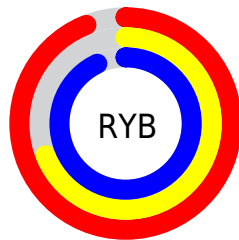
The YUV color $202.3780, 17.0686, 32.1175$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $213.6220, -17.0686, -32.1175$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.0860, 6.3666, 11.3256$, and $147.8400, 16.3479, 29.9583$ is the 20% darker color. If you saturate the color by 10%, you get $188.1760, 23.5772, 44.5726$, and if you desaturate by 10%, it is $216.5800, 10.5601, 19.6623$.

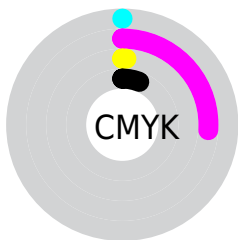
Distribution



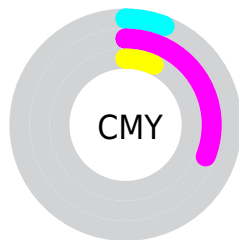
- Red (94%)
- Green (69%)
- Blue (93%)



- Red (94%)
- Yellow (69%)
- Blue (93%)



- Cyan (0%)
- Magenta (26%)
- Yellow (1%)
- Black (6%)





- Cyan (6%)
- Magenta (31%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 202.3780, 17.0686, 32.1175 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 202.3780, 17.0686, 32.1175 by changing the saturation by 10% instead.

 202.3780, 17.0686,
32.1175


 202.3780, 17.0686,
32.1175


255.0000, 0.0000,
0.0000


 174.6660, 16.9267,
30.9879


 242.0860, 6.3666,
11.3256

 147.8400, 16.3479,
29.9583

 121.4270, 16.0585,
29.4435

 95.7150, 15.9165,
28.3139

 71.0030, 15.7745,
27.1844

 47.2910, 15.6325,
26.0548

 22.8180, 16.3587,

26.4696

■ 14.3410, 9.6919,
18.1179

■ 0.9120, 3.4944,
-0.7998

■ 202.3780, 17.0686,
32.1175

■ 202.3780, 17.0686,
32.1175

■ 188.1760, 23.5772,
44.5726

■ 216.5800, 10.5601,
19.6623

■ 173.9740, 30.0858,
57.0278

■ 230.7820, 4.0515,
7.2072

■ 159.8860, 37.0312,
69.3830

■ 244.8700, -2.8939,
-5.1480

■ 145.6840, 43.5398,
81.8381

■ 248.5060, -4.1935,
-8.3368

131.4820, 50.0484,
94.2933

248.6200, -3.7567,
-8.4367

117.8670, 56.2676,
106.2336

248.7340, -3.3199,
-8.5367

103.7790, 63.2130,
118.5888

248.8480, -2.8831,
-8.6367

97.7950, 65.6701,
123.8368

248.9620, -2.4463,
-8.7367

Harmonies

Analogous

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



198.6170, 27.7968, -2.2951



202.3780, 17.0686, 32.1175



199.1770, 1.8847, 48.9568

Triad

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



202.3780, 17.0686, 32.1175



195.4030, -34.7087, 25.9566



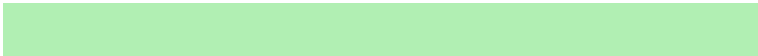
172.8170, 27.2052, -92.8015

Complementary

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



202.3780, 17.0686, 32.1175



213.6220, -17.0686, -32.1175

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.



179.1780, 6.3212, -67.6851



202.3780, 17.0686, 32.1175



191.5950, -29.3803, -3.1528

Square

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



202.3780, 17.0686, 32.1175



197.6260, -29.3956, 48.5630



186.5830, -14.5844, -35.5913



178.6410, 37.6450, -81.2462

Rectangle

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



202.3780, 17.0686, 32.1175



196.3270, -9.0352, 51.4562



186.5830, -14.5844, -35.5913



174.5420, 20.9318, -87.2983

Sweetspot

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



202.3780, 17.0686, 32.1175



243.1460, 5.3510, 10.3960



184.3670, 26.9341, -5.5839



120.2550, 3.3253, 6.7924



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.



202.3780, 17.0686, 32.1175



208.2850, 21.5515, 40.9691



198.9580, 3.9647, 35.1168



112.8420, 3.0359, 6.2776



75.3080, 50.6272, 95.3229



22.9000, 15.3323, 29.0287

Inverse Universe

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



202.3780, 17.0686, 32.1175



208.2850, 21.5515, 40.9691



217.0420, -3.9647, -35.1168



112.8420, 3.0359, 6.2776



75.3080, 50.6272, 95.3229



22.9000, 15.3323, 29.0287

Previews

White Background



This preview shows how the YUV color 202.3780, 17.0686, 32.1175 looks on a white background.

Color Contrast Check

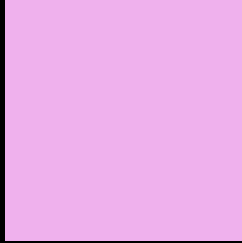
Large Text (above 18pt) WCAG AA × Fail

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 202.3780, 17.0686, 32.1175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

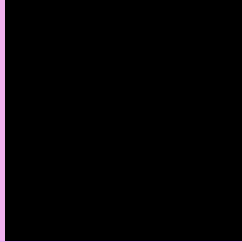
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.3780, 17.0686, 32.1175

Background



This preview shows how black text looks on a background with the YUV color 202.3780, 17.0686, 32.1175.



This preview shows how white text looks on a background with the YUV color 202.3780, 17.0686,

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

202.3780, 17.0686, 32.1175

Protanopia

197.9810, 25.6454, -12.2613

Deuteranopia

199.4680, 17.0243, -0.4104



Tritanopia

200.5460, -1.2552, 29.3392

Trichromacy



Original Color

202.3780, 17.0686, 32.1175



Protanomaly

199.2820, 22.5390, 4.1377



Deuteranomaly

200.5450, 16.9863, 11.8000



Tritanomaly

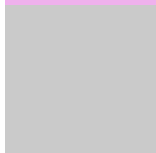
200.9790, 5.4334, 30.7134

Monochromacy



Original Color

202.3780, 17.0686, 32.1175



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

202.0860, 6.3666, 11.3256

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.3780, 17.0686, 32.1175 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(239, 177, 237)` looks like.

```
.text, #text, p{  
    color:rgb(239, 177, 237)  
}
```

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(239, 177, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 177, 237) }
```

Border

The CSS property to change the border of an element to YUV 202.3780, 17.0686, 32.1175 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(239, 177, 237) }
```


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

```
.border{ border-color:rgb(239, 177, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 177, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 177, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 177, 237);  
box-shadow:4px 4px 4px 4px rgb(239, 177,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 202.3780, 17.0686, 32.1175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 177, 237) }
```

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

```
.background{ background-color: rgb(239,  
177, 237) }
```

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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