

Converting Colors

YUV(213.3760, 20.0276,
16.3332)

Have a look what the booklet for
YUV(213.3760, 20.0276, 16.3332)
contains.

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Color

**YUV(213.3760, 20.0276,
16.3332)**

Conversions

Conversions Part 1

Format	Color
Hex	E8C4FE
RGB	232, 196, 254
RGB Percent	91%, 77%, 100%
CMY	0.0902, 0.2314, 0.0039
CMYK	0.09, 0.23, 0.00, 0.00
HSL	277°, 97%, 88%
HSV	277°, 23%, 100%
XYZ	70.9080, 63.7914, 102.3416
YIQ	213.3760, 2.8380, 25.6700

Conversions

Conversions Part 2

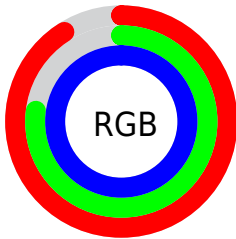
Format	Color
R _Y B	232, 196, 254
Decimal	15254782
CIE _{Lab}	83.86, 23.06, -23.74
CIE _{LCh}	84, 33.099, 314.161
Y _{xy}	63.7914, 0.2991, 0.2691
Android (android.graphics.Color)	4293444862 (0xFFE8C4FE)
Y _{UV}	213.3760, 20.0276, 16.3332
Hunter-Lab	79.8695, 18.7003, -20.0632

Details

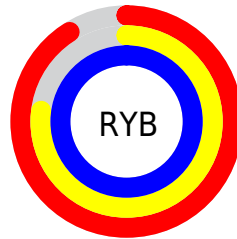
The YUV color $213.3760, 20.0276, 16.3332$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $236.6240, -20.0276, -16.3332$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8260, 0.5788, 1.0296$, and $158.4360, 19.0121, 15.4036$ is the 20% darker color. If you saturate the color by 10%, you get $195.7110, 28.7365, 23.0555$, and if you desaturate by 10%, it is $231.0410, 11.3188, 9.6110$.

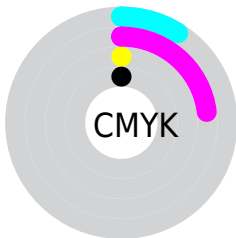
Distribution



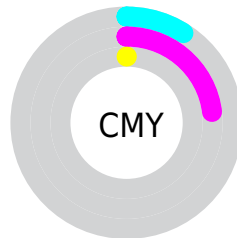
- Red (91%)
- Green (77%)
- Blue (100%)



- Red (91%)
- Yellow (77%)
- Blue (100%)



- Cyan (9%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 213.3760, 20.0276, 16.3332 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 213.3760, 20.0276, 16.3332 by changing the saturation by 10% instead.


 213.3760, 20.0276,
16.3332


 213.3760, 20.0276,
16.3332


255.0000, 0.0000,
0.0000

 185.8490, 19.3014,
15.9184


 253.8260, 0.5788,
1.0296

 158.4360, 19.0121,
15.4036

 132.0230, 18.7227,
14.8888

 106.4960, 17.9965,
14.4740

 82.2570, 17.1283,
12.9296

 58.8440, 16.8389,
12.4148

 36.0180, 16.2601,

11.3852

■ 13.6160, 15.9653,
12.6148

■ 3.4370, 10.6306,
-3.0142

■ 213.3760, 20.0276,
16.3332

■ 213.3760, 20.0276,
16.3332

■ 195.7110, 28.7365,
23.0555

■ 231.0410, 11.3188,
9.6110

■ 177.7580, 37.5873,
30.9072

■ 248.9940, 2.4680,
1.7593

■ 160.0930, 46.2962,
37.6294

254.8860, -0.4368,
0.1000

■ 141.8410, 55.2944,
44.8664

■ 124.4750, 63.8558,
52.2034

■ 106.8100, 72.5647,
58.9256

■ 88.8570, 81.4155,
66.7774

■ 76.1980, 87.6564,
71.7404

Harmonies

Analogous

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



207.6880, 23.3248, -14.6354



213.3760, 20.0276, 16.3332



212.4790, 7.1589, 37.2909

Triad

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



213.3760, 20.0276, 16.3332



208.6410, -28.9100, 32.7638



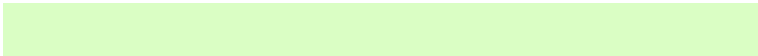
193.0670, 14.7570, -66.7108

Complementary

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



213.3760, 20.0276, 16.3332



236.6240, -20.0276, -16.3332

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.



197.2040, -3.0586, -45.7829



213.3760, 20.0276, 16.3332



205.9000, -28.5447, 8.8577

Square

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



213.3760, 20.0276, 16.3332



207.9870, -20.2066, 41.2304



201.9550, -18.7118, -18.3775



194.4870, 27.8609, -69.7101

Rectangle

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



213.3760, 20.0276, 16.3332



208.9110, -1.4351, 40.4201



201.9550, -18.7118, -18.3775



194.2050, 8.7729, -60.6928

Sweetspot

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



213.3760, 20.0276, 16.3332



242.3410, 6.2409, 4.9629



215.5260, 18.9677, -17.1243



120.3470, 3.7729, 3.2037



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.



213.3760, 20.0276, 16.3332



206.7230, 23.8006, 19.5369



219.1560, 13.7271, 30.5582



118.8740, 4.4991, 3.6185



57.3550, 65.8870, 54.0627



19.2560, 22.0588, 18.1925

Inverse Universe

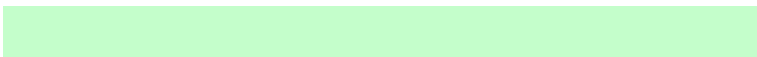
The Inverse Universe completely reimagines the original color for something new.



215.8500, 1.0600, 33.4576



209.5950, 1.1857, 39.8202



230.8440, -13.7271, -30.5582



119.4570, 0.2677, 7.4922



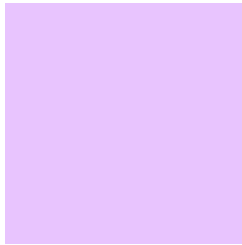
65.4310, 3.7315, 110.1240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 213.3760, 20.0276, 16.3332 looks on a white background.

Color Contrast Check

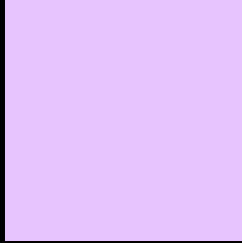
Large Text (above 18pt) WCAG AA × Fail

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 213.3760, 20.0276, 16.3332 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 213.3760, 20.0276, 16.3332

Background



This preview shows how black text looks on a background with the YUV color 213.3760, 20.0276, 16.3332.



This preview shows how white text looks on a background with the YUV color 213.3760, 20.0276,

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

213.3760, 20.0276, 16.3332

Protanopia

209.7810, 22.2930, -10.3319

Deuteranopia

211.2550, 20.0873, -2.8546



Tritanopia

211.0000, 3.4510, 13.1550

Trichromacy



Original Color

213.3760, 20.0276, 16.3332

Protanomaly

211.0210, 21.6816, -0.8954

Deuteranomaly

212.2990, 20.0656, 4.1228

Tritanomaly

211.9060, 9.4133, 14.1144

Monochromacy



Original Color

213.3760, 20.0276, 16.3332

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.2810, 7.2565, 5.8926

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.3760, 20.0276, 16.3332 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(232, 196, 254)` looks like.

```
.text, #text, p{  
    color:rgb(232, 196, 254)  
}
```

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(232, 196, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 196, 254) }
```

Border

The CSS property to change the border of an element to YUV 213.3760, 20.0276, 16.3332 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(232, 196, 254) }
```


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

```
.border{ border-color:rgb(232, 196, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 196, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 196, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 196, 254);  
box-shadow:4px 4px 4px 4px rgb(232, 196,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 213.3760, 20.0276, 16.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 196, 254) }
```

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

```
.background{ background-color: rgb(232,  
196, 254) }
```

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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