

Converting Colors

YUV(202.4760, 15.0483,
26.7695)

Have a look what the booklet for
YUV(202.4760, 15.0483, 26.7695)
contains.

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Color

**YUV(202.4760, 15.0483,
26.7695)**

Conversions

Conversions Part 1

Format	Color
Hex	E9B5E9
RGB	233, 181, 233
RGB Percent	91%, 71%, 91%
CMY	0.0863, 0.2902, 0.0863
CMYK	0.00, 0.22, 0.00, 0.09
HSL	300°, 54%, 81%
HSV	300°, 22%, 91%
XYZ	64.8361, 56.2546, 84.5318
YIQ	202.4760, 14.3000, 27.1960

Conversions

Conversions Part 2

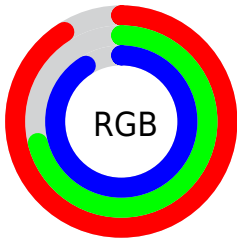
Format	Color
R _Y B	233, 181, 233
Decimal	15316457
CIE Lab	79.76, 27.39, -18.72
CIE LCh	80, 33.176, 325.659
Yxy	56.2546, 0.3153, 0.2736
Android (android.graphics.Color)	4293506537 (0xFFE9B5E9)
YUV	202.4760, 15.0483, 26.7695
Hunter-Lab	75.0031, 23.0484, -14.3203

Details

The YUV color $202.4760, 15.0483, 26.7695$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $211.5240, -15.0483, -26.7695$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.4340, 5.2090, 9.2664$, and $148.2370, 14.1802, 25.2252$ is the 20% darker color. If you saturate the color by 10%, you get $188.9750, 21.7043, 38.6099$, and if you desaturate by 10%, it is $215.9770, 8.3923, 14.9292$.

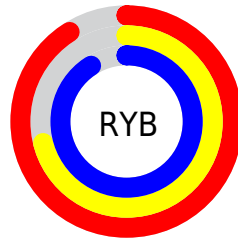
Distribution



Red (91%)

Green (71%)

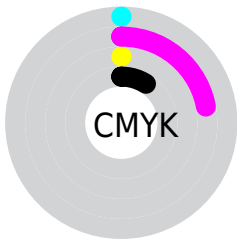
Blue (91%)



Red (91%)

Yellow (71%)

Blue (91%)

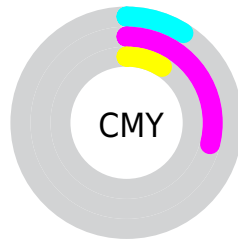


Cyan (0%)

Magenta (22%)

Yellow (0%)

Black (9%)



Cyan (9%)

Magenta (29%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 202.4760, 15.0483, 26.7695 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 202.4760, 15.0483, 26.7695 by changing the saturation by 10% instead.


 202.4760, 15.0483,
26.7695


 202.4760, 15.0483,
26.7695


255.0000, 0.0000,
0.0000


 175.0630, 14.7589,
26.2547


 244.4340, 5.2090,
9.2664


 148.2370, 14.1802,
25.2252

 121.8240, 13.8908,
24.7104

 96.8130, 13.8962,
22.9660

 72.2860, 13.1700,
22.5512

 48.5740, 13.0280,
21.4216

 25.6880, 13.4648,

21.3216

■ 13.2160, 9.2605,
16.4736

■ 0.3420, 1.3104,
-0.2999

■ 202.4760, 15.0483,
26.7695

■ 202.4760, 15.0483,
26.7695

■ 188.9750, 21.7043,
38.6099

■ 215.9770, 8.3923,
14.9292

■ 174.8870, 28.6497,
50.9651

■ 230.0650, 1.4470,
2.5740

■ 161.3860, 35.3057,
62.8055

■ 243.5660, -5.2090,
-9.2664

■ 147.8850, 41.9617,
74.6459

■ 245.9140, -6.3666,
-11.3256

■ 134.3840, 48.6177,
86.4862

■ 120.2960, 55.5631,
98.8414

■ 106.7950, 62.2191,
110.6818

■ 96.2290, 67.4281,
119.9482

Harmonies

Analogous

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



199.5630, 26.3444, -3.1248



202.4760, 15.0483, 26.7695



202.1120, 0.4378, 46.3828

Triad

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



202.4760, 15.0483, 26.7695



196.3580, -29.7565, 24.2420



180.6410, 20.8830, -71.5992

Complementary

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



202.4760, 15.0483, 26.7695



211.5240, -15.0483, -26.7695

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.



184.2720, 3.8099, -55.4895



202.4760, 15.0483, 26.7695



193.2300, -25.7494, -1.0787

Square

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



202.4760, 15.0483, 26.7695



199.0320, -25.1588, 42.9449



188.9690, -13.2957, -28.9138



184.7310, 31.1916, -64.6621

Rectangle

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



202.4760, 15.0483, 26.7695



199.7180, -8.7350, 48.4823



188.9690, -13.2957, -28.9138



181.5830, 15.4886, -68.0403

Sweetspot

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



202.4760, 15.0483, 26.7695



244.4340, 5.2090, 9.2664



186.9280, 22.7135, -5.1989



121.5430, 3.1833, 5.6628



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.



202.4760, 15.0483, 26.7695



214.4970, 19.9680, 35.5211



199.5120, 3.6916, 29.3690



110.5430, 3.1833, 5.6628



74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Inverse Universe

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



202.4760, 15.0483, 26.7695



214.4970, 19.9680, 35.5211



214.4880, -3.6916, -29.3690



110.5430, 3.1833, 5.6628



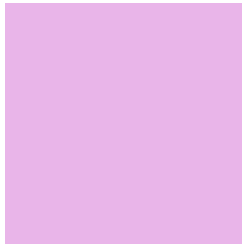
74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Previews

White Background



This preview shows how the YUV color 202.4760, 15.0483, 26.7695 looks on a white background.

Color Contrast Check

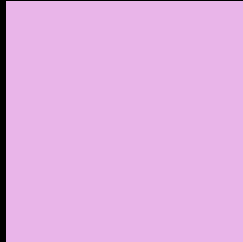
Large Text (above 18pt) WCAG AA × Fail

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 202.4760, 15.0483, 26.7695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

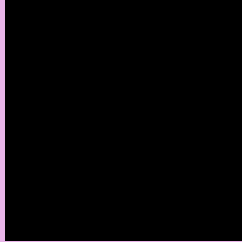
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.4760, 15.0483, 26.7695

Background



This preview shows how black text looks on a background with the YUV color 202.4760, 15.0483, 26.7695.



This preview shows how white text looks on a background with the YUV color 202.4760, 15.0483,

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

202.4760, 15.0483, 26.7695

Protanopia

198.6670, 21.8562, -10.2320

Deuteranopia

199.7240, 15.4191, 1.1191



Tritanopia

201.1540, -0.0759, 24.4209

Trichromacy



Original Color

202.4760, 15.0483, 26.7695



Protanomaly

200.3590, 19.0500, 3.1932



Deuteranomaly

201.0780, 15.2445, 10.4556



Tritanomaly

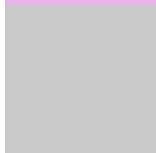
201.6470, 5.5970, 24.8656

Monochromacy



Original Color

202.4760, 15.0483, 26.7695



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

201.8470, 5.4984, 9.7812

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.4760, 15.0483, 26.7695 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(233, 181, 233)` looks like.

```
.text, #text, p{  
    color:rgb(233, 181, 233)  
}
```

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(233, 181, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 181, 233) }
```

Border

The CSS property to change the border of an element to YUV 202.4760, 15.0483, 26.7695 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(233, 181, 233) }
```


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

```
.border{ border-color:rgb(233, 181, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 181, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 181, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 181, 233);  
box-shadow:4px 4px 4px 4px rgb(233, 181,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 202.4760, 15.0483, 26.7695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 181, 233) }
```

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

```
.background{ background-color: rgb(233,  
181, 233) }
```

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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