

Converting Colors

YUV(204.7460, 18.8592,
17.7628)

Have a look what the booklet for
YUV(204.7460, 18.8592, 17.7628)
contains.

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Color

**YUV(204.7460, 18.8592,
17.7628)**

Conversions

Conversions Part 1

Format	Color
Hex	E1BBF3
RGB	225, 187, 243
RGB Percent	88%, 73%, 95%
CMY	0.1176, 0.2667, 0.0471
CMYK	0.07, 0.23, 0.00, 0.05
HSL	281°, 70%, 84%
HSV	281°, 23%, 95%
XYZ	64.9993, 58.0193, 92.5670
YIQ	204.7460, 4.6720, 25.4720

Conversions

Conversions Part 2

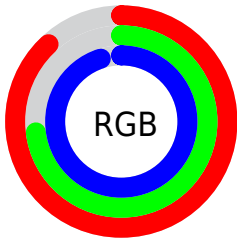
Format	Color
R _Y B	225, 187, 243
Decimal	14793715
CIE Lab	80.75, 23.49, -22.66
CIE LCh	81, 32.636, 316.037
Yxy	58.0193, 0.3015, 0.2691
Android (android.graphics.Color)	4292983795 (0xFFE1BBF3)
YUV	204.7460, 18.8592, 17.7628
Hunter-Lab	76.1704, 19.0232, -18.7337

Details

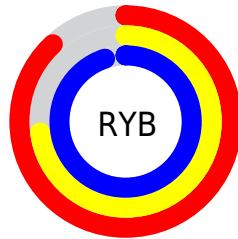
The YUV color $204.7460, 18.8592, 17.7628$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $225.2540, -18.8592, -17.7628$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.9560, 3.4727, 6.1776$, and $150.5070, 17.9910, 16.2184$ is the 20% darker color. If you saturate the color by 10%, you get $188.2660, 26.9839, 25.1997$, and if you desaturate by 10%, it is $221.2260, 10.7346, 10.3258$.

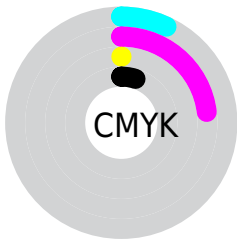
Distribution



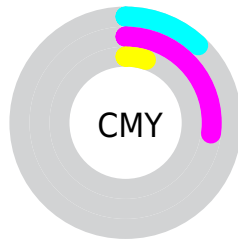
- Red (88%)
- Green (73%)
- Blue (95%)



- Red (88%)
- Yellow (73%)
- Blue (95%)



- Cyan (7%)
- Magenta (23%)
- Yellow (0%)
- Black (5%)




- Cyan (12%)
- Magenta (27%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 204.7460, 18.8592, 17.7628 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 204.7460, 18.8592, 17.7628 by changing the saturation by 10% instead.


 204.7460, 18.8592,
17.7628


 204.7460, 18.8592,
17.7628


255.0000, 0.0000,
0.0000


 177.3330, 18.5698,
17.2480


 247.9560, 3.4727,
6.1776

 150.5070, 17.9910,
16.2184

 124.0940, 17.7017,
15.7036

 98.5670, 16.9755,
15.2887

 74.7410, 16.3967,
14.2591

 51.3280, 16.1073,
13.7443

 29.3880, 15.0917,

12.8147

■ 12.2200, 13.2025,
12.0851

■ 2.2970, 6.2626,
-2.0145

■ 204.7460, 18.8592,
17.7628

■ 204.7460, 18.8592,
17.7628

■ 188.2660, 26.9839,
25.1997

■ 221.2260, 10.7346,
10.3258

■ 171.1990, 35.3979,
33.1515

■ 238.2930, 2.3206,
2.3740

■ 155.0180, 43.3751,
41.2032

■ 251.5390, -4.2097,
-3.1037

■ 138.5380, 51.4998,
48.6402

■ 253.6320, -5.2416,
1.1997

■ 122.0580, 59.6244,
56.0771

■ 104.9910, 68.0384,
64.0289

■ 88.5110, 76.1631,
71.4659

■ 77.0370, 81.8198,
77.1436

Harmonies

Analogous

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



200.6110, 26.8138, -13.6908



204.7460, 18.8592, 17.7628



205.0450, 5.4008, 41.1795

Triad

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



204.7460, 18.8592, 17.7628



200.3310, -28.7572, 30.4047



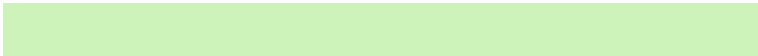
184.5940, 15.4832, -66.2959

Complementary

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



204.7460, 18.8592, 17.7628



225.2540, -18.8592, -17.7628

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.



188.5460, -1.7482, -46.0828



204.7460, 18.8592, 17.7628



197.1170, -27.6657, 6.9134

Square

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



204.7460, 18.8592, 17.7628



202.2650, -21.8226, 46.2486



193.4710, -17.9802, -19.7071



185.9110, 28.1449, -67.4509

Rectangle

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



204.7460, 18.8592, 17.7628



202.9610, -3.9248, 45.6382



193.4710, -17.9802, -19.7071



185.5470, 10.0833, -60.9927

Sweetspot

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



204.7460, 18.8592, 17.7628



242.6400, 6.0935, 5.5777



204.5370, 18.9623, -15.3799



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.



204.7460, 18.8592, 17.7628



206.4460, 23.9371, 22.4109



209.1020, 12.2747, 29.7285



113.7600, 4.0623, 3.7185



58.8780, 62.6711, 58.8660



18.6860, 19.8748, 18.6924

Inverse Universe

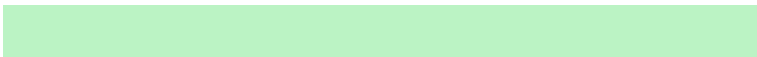
The Inverse Universe completely reimagines the original color for something new.



205.7960, -0.3924, 32.6279



207.8510, -0.4195, 41.3497



220.8980, -12.2747, -29.7285



114.0440, -0.0217, 6.9774



62.4540, -1.2098, 108.3498



19.8070, -0.3979, 34.3723

Previews

White Background



This preview shows how the YUV color 204.7460, 18.8592, 17.7628 looks on a white background.

Color Contrast Check

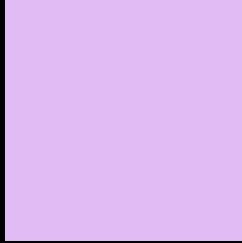
Large Text (above 18pt) WCAG AA × Fail

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 204.7460, 18.8592, 17.7628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

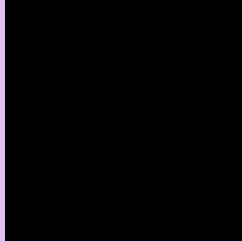
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.7460, 18.8592, 17.7628

Background



This preview shows how black text looks on a background with the YUV color 204.7460, 18.8592, 17.7628.



This preview shows how white text looks on a background with the YUV color 204.7460, 18.8592, 17.7628.

17.7628.

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

204.7460, 18.8592, 17.7628

Protanopia

201.6390, 24.3350, -11.9614

Deuteranopia

202.3260, 19.0663, -2.0399



Tritanopia

202.7830, 2.5720, 15.0993

Trichromacy



Original Color

204.7460, 18.8592, 17.7628

Protanomaly

202.8360, 22.2659, -1.6102

Deuteranomaly

203.3700, 19.0446, 4.9375

Tritanomaly

203.6890, 8.5343, 16.0587

Monochromacy



Original Color

204.7460, 18.8592, 17.7628

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.5800, 7.1091, 6.5073

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.7460, 18.8592, 17.7628 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(225, 187, 243)` looks like.

```
.text, #text, p{  
    color:rgb(225, 187, 243)  
}
```

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(225, 187, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 187, 243) }
```

Border

The CSS property to change the border of an element to YUV 204.7460, 18.8592, 17.7628 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(225, 187, 243) }
```


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

```
.border{ border-color:rgb(225, 187, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 187, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 187, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 187, 243);  
box-shadow:4px 4px 4px 4px rgb(225, 187,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 204.7460, 18.8592, 17.7628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 187, 243) }
```

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

```
.background{ background-color: rgb(225,  
187, 243) }
```

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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