

Converting Colors

YUV(204.4830, 7.6499, 19.7474)

Have a look what the booklet for
YUV(204.4830, 7.6499, 19.7474)
contains.

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Color

**YUV(204.4830, 7.6499,
19.7474)**

Conversions

Conversions Part 1

Format	Color
Hex	E3BEDC
RGB	227, 190, 220
RGB Percent	89%, 75%, 86%
CMY	0.1098, 0.2549, 0.1373
CMYK	0.00, 0.16, 0.03, 0.11
HSL	311°, 40%, 82%
HSV	311°, 16%, 89%
XYZ	63.0103, 58.3251, 75.6470
YIQ	204.4830, 12.4220, 17.1740

Conversions

Conversions Part 2

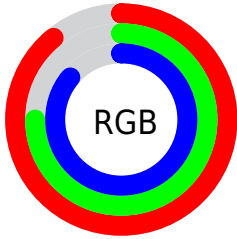
Format	Color
R _Y B	227, 190, 220
Decimal	14925532
CIE Lab	80.92, 18.22, -10.03
CIE LCh	81, 20.800, 331.157
Yxy	58.3251, 0.3199, 0.2961
Android (android.graphics.Color)	4293115612 (0xFFE3BEDC)
YUV	204.4830, 7.6499, 19.7474
Hunter-Lab	76.3709, 13.6235, -5.2684

Details

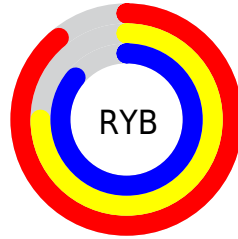
The YUV color $204.4830, 7.6499, 19.7474$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $212.5170, -7.6499, -19.7474$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7170, 2.6045, 4.6332$, and $149.7710, 7.5079, 18.6178$ is the 20% darker color. If you saturate the color by 10%, you get $190.5260, 12.5587, 31.9877$, and if you desaturate by 10%, it is $218.4400, 2.7411, 7.5071$.

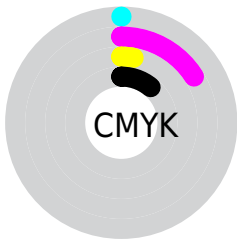
Distribution



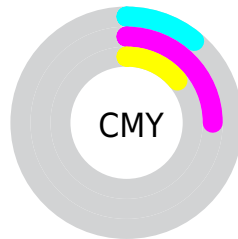
- Red (89%)
- Green (75%)
- Blue (86%)



- Red (89%)
- Yellow (75%)
- Blue (86%)



- Cyan (0%)
- Magenta (16%)
- Yellow (3%)
- Black (11%)




- Cyan (11%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.4830, 7.6499, 19.7474 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 204.4830, 7.6499, 19.7474 by changing the saturation by 10% instead.


 204.4830, 7.6499,
19.7474


 204.4830, 7.6499,
19.7474

255.0000, 0.0000,
0.0000


 177.0700, 7.3605,
19.2326

 249.7170, 2.6045,
4.6332

 149.7710, 7.5079,
18.6178

 124.3580, 7.2185,
18.1030

 98.9450, 6.9291,
17.5882

 75.2330, 6.7871,
16.4587

 51.8200, 6.4977,
15.9439

 30.1080, 6.3558,

14.8143

■ 10.9940, 5.9190,
14.9143

■ 0.0000, 0.0000,
0.0000

■ 204.4830, 7.6499,
19.7474

■ 204.4830, 7.6499,
19.7474

■ 190.5260, 12.5587,
31.9877

■ 218.4400, 2.7411,
7.5071

■ 177.0420, 16.7413,
43.8132

■ 231.9240, -1.4415,
-4.3183

■ 163.0850, 21.6501,
56.0535

■ 244.1200, -5.4822,
-15.0142

■ 149.1280, 26.5589,
68.2937

■ 244.5760, -3.7350,
-15.4142

135.7580, 31.1783,
80.0192

245.0320, -1.9878,
-15.8141

121.6870, 35.6503,
92.3595

245.6020, 0.1962,
-16.3140

107.7300, 40.5591,
104.5998

246.0580, 1.9434,
-16.7139

93.7730, 45.4679,
116.8401

246.5140, 3.6906,
-17.1138

88.8490, 46.9094,
121.1584

246.6280, 4.1274,
-17.2138

Harmonies

Analogous

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



203.0230, 15.2717, 1.7338



204.4830, 7.6499, 19.7474



204.4430, -1.6974, 31.1835

Triad

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



204.4830, 7.6499, 19.7474



200.1530, -18.8094, 13.0208



193.1890, 13.2178, -39.6308

Complementary

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



204.4830, 7.6499, 19.7474



212.5170, -7.6499, -19.7474

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.



193.7030, 3.5974, -33.9425



204.4830, 7.6499, 19.7474



197.9660, -15.2662, -3.4782

Square

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



204.4830, 7.6499, 19.7474



201.6970, -17.1056, 26.5757



195.4460, -6.6289, -20.5621



196.0140, 18.7271, -33.3383

Rectangle

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



204.4830, 7.6499, 19.7474



204.1460, -7.9600, 33.1980



195.4460, -6.6289, -20.5621



193.3910, 10.1602, -38.9309

Sweetspot

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



204.4830, 7.6499, 19.7474



247.1410, 2.8885, 6.8923



196.3110, 15.1297, 0.6043



123.0760, 1.4415, 4.3183



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.



204.4830, 7.6499, 19.7474



223.9230, 10.3910, 27.2545



202.4310, -0.2125, 21.5470



107.7280, 2.5991, 6.3775



70.0510, 36.9499, 95.5483



19.9230, 10.3910, 27.2545

Inverse Universe

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



204.4830, 7.6499, 19.7474



223.9230, 10.3910, 27.2545



214.5690, 0.2125, -21.5470



107.7280, 2.5991, 6.3775



70.0510, 36.9499, 95.5483



19.9230, 10.3910, 27.2545

Previews

White Background



This preview shows how the YUV color 204.4830, 7.6499, 19.7474 looks on a white background.

Color Contrast Check

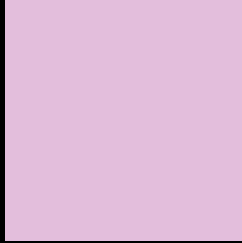
Large Text (above 18pt) WCAG AA × Fail

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 204.4830, 7.6499, 19.7474 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 204.4830, 7.6499, 19.7474

Background



This preview shows how black text looks on a background with the YUV color 204.4830, 7.6499, 19.7474.



This preview shows how white text looks on a background with the YUV color 204.4830, 7.6499,

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

204.4830, 7.6499, 19.7474

Protanopia

202.0670, 11.7990, -4.4438

Deuteranopia

202.8190, 7.9772, 8.0517



Tritanopia

203.5770, 1.6875, 18.7880

Trichromacy



Original Color

204.4830, 7.6499, 19.7474

Protanomaly

202.7800, 10.4615, 4.5779

Deuteranomaly

203.1400, 7.8190, 12.1552

Tritanomaly

203.8590, 4.0135, 19.4177

Monochromacy



Original Color

204.4830, 7.6499, 19.7474

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.1410, 2.8885, 6.8923

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.4830, 7.6499, 19.7474 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(227, 190, 220)` looks like.

```
.text, #text, p{  
    color:rgb(227, 190, 220)  
}
```

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(227, 190, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 190, 220) }
```

Border

The CSS property to change the border of an element to YUV 204.4830, 7.6499, 19.7474 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(227, 190, 220) }
```


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

```
.border{ border-color:rgb(227, 190, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 190, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 190, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 190, 220);  
box-shadow:4px 4px 4px 4px rgb(227, 190,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 204.4830, 7.6499, 19.7474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 190, 220) }
```

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

```
.background{ background-color: rgb(227,  
190, 220) }
```

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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