

Converting Colors

YUV(202.4940, 7.6445, 21.4918)

Have a look what the booklet for
YUV(202.4940, 7.6445, 21.4918)
contains.

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Color

**YUV(202.4940, 7.6445,
21.4918)**

Conversions

Conversions Part 1

Format	Color
Hex	E3BBDA
RGB	227, 187, 218
RGB Percent	89%, 73%, 85%
CMY	0.1098, 0.2667, 0.1451
CMYK	0.00, 0.18, 0.04, 0.11
HSL	314°, 42%, 81%
HSV	314°, 18%, 89%
XYZ	62.1038, 56.9335, 74.0457
YIQ	202.4940, 13.8890, 18.1210

Conversions

Conversions Part 2

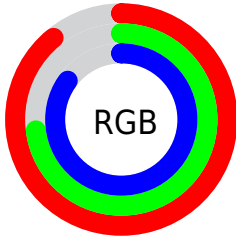
Format	Color
R _Y B	227, 187, 218
Decimal	14924762
CIE Lab	80.14, 19.47, -10.11
CIE LCh	80, 21.939, 332.545
Yxy	56.9335, 0.3216, 0.2949
Android (android.graphics.Color)	4293114842 (0xFFE3BBDA)
YUV	202.4940, 7.6445, 21.4918
Hunter-Lab	75.4543, 14.8721, -5.3652

Details

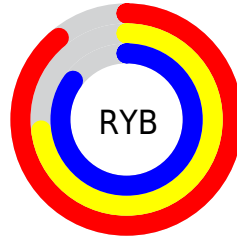
The YUV color $202.4940, 7.6445, 21.4918$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $211.5060, -7.6445, -21.4918$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.9560, 3.4727, 6.1776$, and $148.3690, 7.2131, 19.8474$ is the 20% darker color. If you saturate the color by 10%, you get $188.4230, 12.1165, 33.8320$, and if you desaturate by 10%, it is $216.5650, 3.1725, 9.1515$.

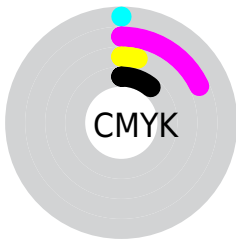
Distribution



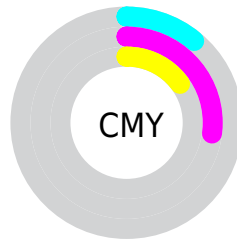
- Red (89%)
- Green (73%)
- Blue (85%)



- Red (89%)
- Yellow (73%)
- Blue (85%)



- Cyan (0%)
- Magenta (18%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 202.4940, 7.6445, 21.4918 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 202.4940, 7.6445, 21.4918 by changing the saturation by 10% instead.

 202.4940, 7.6445,
21.4918


 202.4940, 7.6445,
21.4918

255.0000, 0.0000,
0.0000


 175.0810, 7.3551,
20.9770


 247.9560, 3.4727,
6.1776

 148.3690, 7.2131,
19.8474

 122.3690, 7.2131,
19.8474

 97.5430, 6.6343,
18.8178

 73.2440, 6.7817,
18.2030

 50.2330, 6.7871,
16.4587

 28.5210, 6.6451,

15.3291

■ 11.1790, 5.3348,
15.6290

■ 0.0000, 0.0000,
0.0000

■ 202.4940, 7.6445,
21.4918

■ 202.4940, 7.6445,
21.4918

■ 188.4230, 12.1165,
33.8320

■ 216.5650, 3.1725,
9.1515

■ 174.9390, 16.2991,
45.6575

■ 230.0490, -1.0102,
-2.6740

■ 160.8680, 20.7711,
57.9978

■ 244.1200, -5.4822,
-15.0142

■ 146.7970, 25.2431,
70.3380

■ 244.6900, -3.2982,
-15.5141

133.1990, 28.9889,
82.2635

245.3740, -0.6774,
-16.1140

119.1280, 33.4609,
94.6037

245.9440, 1.5066,
-16.6139

105.0570, 37.9329,
106.9440

246.5140, 3.6906,
-17.1138

90.9860, 42.4049,
119.2843

246.6280, 4.1274,
-17.2138

87.9370, 43.4151,
121.9583

Harmonies

Analogous

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



201.1480, 15.7030, 3.3782



202.4940, 7.6445, 21.4918



202.3400, -2.1396, 33.0278

Triad

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



202.4940, 7.6445, 21.4918



197.9250, -19.6830, 13.2208



191.1070, 14.2442, -42.1898

Complementary

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



202.4940, 7.6445, 21.4918



211.5060, -7.6445, -21.4918

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.



191.2080, 4.3345, -37.0164



202.4940, 7.6445, 21.4918



195.2540, -15.4082, -4.6078

Square

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



202.4940, 7.6445, 21.4918



199.7680, -18.1266, 27.3905



193.0220, -6.9128, -22.8213



193.6440, 19.8955, -34.7678

Rectangle

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



202.4940, 7.6445, 21.4918



201.9290, -8.8390, 35.1423



193.0220, -6.9128, -22.8213



190.4230, 11.6235, -41.5900

Sweetspot

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



202.4940, 7.6445, 21.4918



247.0270, 2.4517, 6.9923



194.2510, 16.1453, 1.5339



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.



202.4940, 7.6445, 21.4918



221.9340, 10.3855, 28.9989



200.2140, -1.0915, 23.4913



107.6140, 2.1623, 6.4775



69.2530, 33.8923, 96.2481



19.8090, 9.9542, 27.3545

Inverse Universe

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



202.4940, 7.6445, 21.4918



221.9340, 10.3855, 28.9989



213.7860, 1.0915, -23.4913



107.6140, 2.1623, 6.4775



69.2530, 33.8923, 96.2481



19.8090, 9.9542, 27.3545

Previews

White Background



This preview shows how the YUV color 202.4940, 7.6445, 21.4918 looks on a white background.

Color Contrast Check

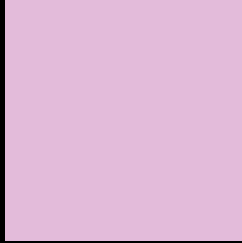
Large Text (above 18pt) WCAG AA × Fail

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 202.4940, 7.6445, 21.4918 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 202.4940, 7.6445, 21.4918

Background



This preview shows how black text looks on a background with the YUV color 202.4940, 7.6445, 21.4918.



This preview shows how white text looks on a background with the YUV color 202.4940, 7.6445,

21.4918.

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

202.4940, 7.6445, 21.4918

Protanopia

199.5940, 12.5252, -4.0289

Deuteranopia

200.8190, 7.9772, 8.0517



Tritanopia

201.4740, 1.2453, 20.6323

Trichromacy



Original Color

202.4940, 7.6445, 21.4918

Protanomaly

200.4920, 10.6034, 5.7075

Deuteranomaly

201.4390, 7.6716, 12.7700

Tritanomaly

201.7560, 3.5713, 21.2620

Monochromacy



Original Color

202.4940, 7.6445, 21.4918

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.4400, 2.7411, 7.5071

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.4940, 7.6445, 21.4918 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, 187, 218)` looks like.

```
.text, #text, p{  
    color:rgb(227, 187, 218)  
}
```

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, 187, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 187, 218) }
```

Border

The CSS property to change the border of an element to YUV 202.4940, 7.6445, 21.4918 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, 187, 218) }
```


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

```
.border{ border-color:rgb(227, 187, 218) }
```

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

Here you see how a box with a 4 pixel rgb(227, 187, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 187, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 187, 218);  
box-shadow:4px 4px 4px 4px rgb(227, 187,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 202.4940, 7.6445, 21.4918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 187, 218) }
```

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

```
.background{ background-color: rgb(227,  
187, 218) }
```

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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