

Converting Colors

YUV(203.2960, 14.6441,
16.4034)

Have a look what the booklet for
YUV(203.2960, 14.6441, 16.4034)
contains.

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Color

**YUV(203.2960, 14.6441,
16.4034)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBCE9
RGB	222, 188, 233
RGB Percent	87%, 74%, 91%
CMY	0.1294, 0.2627, 0.0863
CMYK	0.05, 0.19, 0.00, 0.09
HSL	285°, 51%, 83%
HSV	285°, 19%, 91%
XYZ	62.8154, 57.3792, 84.8554
YIQ	203.2960, 5.8190, 21.2030

Conversions

Conversions Part 2

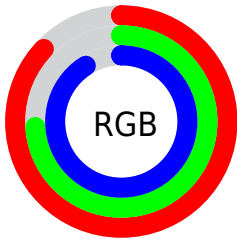
Format	Color
R _Y B	222, 188, 233
Decimal	14597353
CIE Lab	80.39, 20.04, -17.86
CIE LCh	80, 26.841, 318.298
Yxy	57.3792, 0.3063, 0.2798
Android (android.graphics.Color)	4292787433 (0xFFDEBCE9)
YUV	203.2960, 14.6441, 16.4034
Hunter-Lab	75.7491, 15.4614, -13.3933

Details

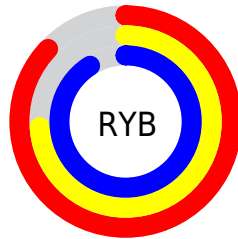
The YUV color $203.2960, 14.6441, 16.4034$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $217.7040, -14.6441, -16.4034$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.5430, 3.1833, 5.6628$, and $149.3560, 13.6285, 15.4738$ is the 20% darker color. If you saturate the color by 10%, you get $188.0010, 22.1845, 24.5551$, and if you desaturate by 10%, it is $218.5910, 7.1036, 8.2517$.

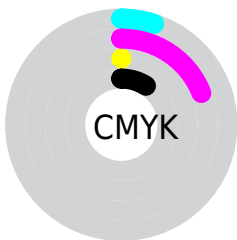
Distribution



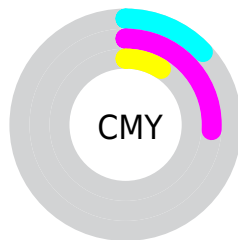
- Red (87%)
- Green (74%)
- Blue (91%)



- Red (87%)
- Yellow (74%)
- Blue (91%)



- Cyan (5%)
- Magenta (19%)
- Yellow (0%)
- Black (9%)




- Cyan (13%)
- Magenta (26%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 203.2960, 14.6441, 16.4034 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 203.2960, 14.6441, 16.4034 by changing the saturation by 10% instead.


 203.2960, 14.6441,
16.4034


 203.2960, 14.6441,
16.4034


255.0000, 0.0000,
0.0000


 175.8830, 14.3547,
15.8886


 248.5430, 3.1833,
5.6628

 149.3560, 13.6285,
15.4738

 123.0570, 13.7759,
14.8590

 98.2310, 13.1971,
13.8294

 73.8180, 12.9077,
13.3146

 50.9920, 12.3289,
12.2850

 29.4650, 11.6028,

11.8702

■ 11.1230, 10.2924,
12.1701

■ 0.3420, 1.3104,
-0.2999

■ 203.2960, 14.6441,
16.4034

■ 203.2960, 14.6441,
16.4034

■ 188.0010, 22.1845,
24.5551

■ 218.5910, 7.1036,
8.2517

■ 172.4180, 29.8669,
33.8364

■ 234.1740, -0.5788,
-1.0296

■ 157.1230, 37.4074,
41.9881

■ 247.7080, -7.2510,
-7.6369

■ 141.8280, 44.9478,
50.1398

■ 249.5020, -8.1355,
-3.9483

■ 126.8320, 52.3408,
58.9063

■ 250.9970, -8.8725,
-0.8744

■ 110.9500, 60.1707,
67.5729

■ 252.4920, -9.6096,
2.1995

■ 95.6550, 67.7111,
75.7246

■ 80.3600, 75.2515,
83.8763

■ 79.1860, 75.8303,
84.9059

Harmonies

Analogous

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



200.0200, 23.1611, -8.7875



203.2960, 14.6441, 16.4034



203.4310, 3.2385, 34.7020

Triad

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



203.2960, 14.6441, 16.4034



198.9650, -23.6467, 24.5867



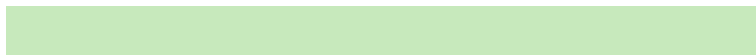
188.5850, 12.5296, -52.2560

Complementary

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



203.2960, 14.6441, 16.4034



217.7040, -14.6441, -16.4034

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.



190.1170, -1.0437, -38.6906



203.2960, 14.6441, 16.4034



196.8870, -22.1293, 4.4841

Square

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



203.2960, 14.6441, 16.4034



201.6060, -19.0328, 38.0565



193.2200, -13.9125, -17.7329



189.9300, 22.7125, -51.6816

Rectangle

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



203.2960, 14.6441, 16.4034



202.9990, -4.9295, 41.2199



193.2200, -13.9125, -17.7329



188.8690, 8.4456, -48.9971

Sweetspot

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



203.2960, 14.6441, 16.4034



244.9990, 4.9305, 5.2629



199.5870, 16.4726, -10.1618



121.8200, 3.0467, 2.7889



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.



203.2960, 14.6441, 16.4034



216.1810, 19.1378, 21.7663



205.3310, 8.2178, 24.2657



109.6460, 3.6255, 3.8185



61.5970, 58.8657, 66.1284



18.1160, 17.6908, 19.1923

Inverse Universe

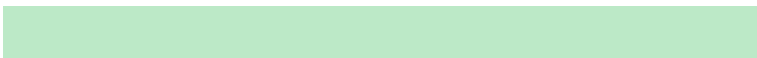
The Inverse Universe completely reimagines the original color for something new.



202.7090, -1.8285, 26.5652



215.3510, -2.1450, 34.7722



215.6690, -8.2178, -24.2657



109.5170, -0.7479, 6.5626



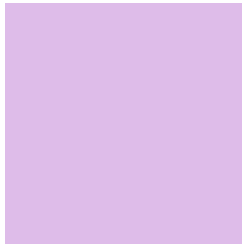
59.1350, -7.4616, 106.8756



17.6280, -2.2816, 31.8982

Previews

White Background



This preview shows how the YUV color 203.2960, 14.6441, 16.4034 looks on a white background.

Color Contrast Check

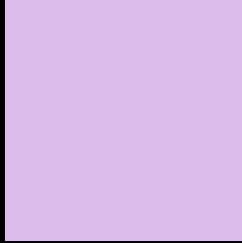
Large Text (above 18pt) WCAG AA × Fail

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 203.2960, 14.6441, 16.4034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

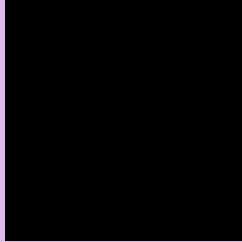
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.2960, 14.6441, 16.4034

Background



This preview shows how black text looks on a background with the YUV color 203.2960, 14.6441, 16.4034.



This preview shows how white text looks on a background with the YUV color 203.2960, 14.6441,

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

203.2960, 14.6441, 16.4034

Protanopia

200.6950, 19.3774, -8.5025

Deuteranopia

201.9090, 14.8349, 1.8338



Tritanopia

201.5980, 3.1562, 14.3846

Trichromacy



Original Color

203.2960, 14.6441, 16.4034

Protanomaly

201.2940, 17.6031, 0.6192

Deuteranomaly

202.2410, 14.6712, 7.6816

Tritanomaly

202.3360, 7.2294, 14.6143

Monochromacy



Original Color

203.2960, 14.6441, 16.4034

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.4120, 5.2199, 5.7777

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.2960, 14.6441, 16.4034 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(222, 188, 233)` looks like.

```
.text, #text, p{  
    color:rgb(222, 188, 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(222, 188, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 188, 233) }
```

Border

The CSS property to change the border of an element to YUV 203.2960, 14.6441, 16.4034 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(222, 188, 233) }
```


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

```
.border{ border-color:rgb(222, 188, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 188, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 188, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 188, 233);  
box-shadow:4px 4px 4px 4px rgb(222, 188,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 203.2960, 14.6441, 16.4034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 188, 233) }
```

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

```
.background{ background-color: rgb(222,  
188, 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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