

Converting Colors

YUV(193.6040, 20.9012,
16.1333)

Have a look what the booklet for
YUV(193.6040, 20.9012, 16.1333)
contains.

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Color

**YUV(193.6040, 20.9012,
16.1333)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B0EC
RGB	212, 176, 236
RGB Percent	83%, 69%, 93%
CMY	0.1686, 0.3098, 0.0745
CMYK	0.10, 0.25, 0.00, 0.07
HSL	276°, 61%, 81%
HSV	276°, 25%, 93%
XYZ	57.8170, 51.1038, 86.1736
YIQ	193.6040, 2.1960, 26.2920

Conversions

Conversions Part 2

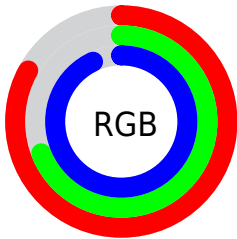
Format	Color
R _Y B	212, 176, 236
Decimal	13938924
CIE Lab	76.74, 23.90, -25.10
CIE LCh	77, 34.659, 313.602
Yxy	51.1038, 0.2964, 0.2619
Android (android.graphics.Color)	4292129004 (0xFFD4B0EC)
YUV	193.6040, 20.9012, 16.1333
Hunter-Lab	71.4870, 19.2646, -21.4300

Details

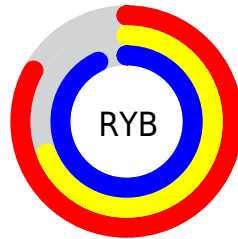
The YUV color **193.6040, 20.9012, 16.1333** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **218.3960, -20.9012, -16.1333**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.4990, 6.6560, 11.8404**, and **139.6640, 19.8856, 15.2037** is the 20% darker color. If you saturate the color by 10%, you get **176.8250, 29.1733, 22.9555**, and if you desaturate by 10%, it is **210.3830, 12.6292, 9.3111**.

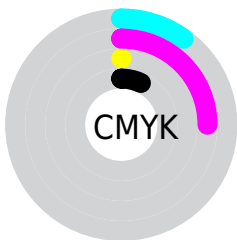
Distribution



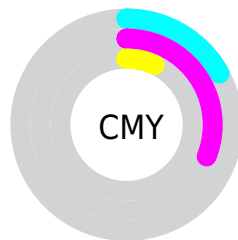
- Red (83%)
- Green (69%)
- Blue (93%)



- Red (83%)
- Yellow (69%)
- Blue (93%)



- Cyan (10%)
- Magenta (25%)
- Yellow (0%)
- Black (7%)



- Cyan (17%)
- Magenta (31%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.6040, 20.9012, 16.1333 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 193.6040, 20.9012, 16.1333 by changing the saturation by 10% instead.

■ 193.6040, 20.9012,
16.1333

■ 193.6040, 20.9012,
16.1333

255.0000, 0.0000,
0.0000

■ 166.1910, 20.6118,
15.6185

■ 241.4990, 6.6560,
11.8404

■ 139.6640, 19.8856,
15.2037

■ 113.8380, 19.3069,
14.1741

■ 89.3110, 18.5807,
13.7593

■ 65.4850, 18.0019,
12.7297

■ 42.6590, 17.4231,
11.7001

■ 20.1320, 16.6969,

11.2852

■ 4.3600, 14.1195,
-2.0697

■ 0.5700, 2.1840,
-0.4999

■ 193.6040, 20.9012,
16.1333

■ 193.6040, 20.9012,
16.1333

■ 176.8250, 29.1733,
22.9555

■ 210.3830, 12.6292,
9.3111

■ 160.3340, 37.3033,
28.6481

■ 226.8740, 4.4991,
3.6185

■ 143.5550, 45.5754,
35.4703

■ 243.6530, -3.7729,
-3.2037

■ 127.0640, 53.7054,
41.1629

■ 251.3390, -7.5621,
-1.1743

■ 110.2850, 61.9775,
47.9851

■ 252.8340, -8.2992,
1.8996

■ 93.2070, 70.3969,
54.1925

■ 77.0150, 78.3796,
60.4998

■ 69.3620, 82.1525,
63.7035

Harmonies

Analogous

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



188.9140, 30.6084, -17.4646



193.6040, 20.9012, 16.1333



193.8000, 7.0006, 41.3944

Triad

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



193.6040, 20.9012, 16.1333



188.7120, -29.9310, 33.5786



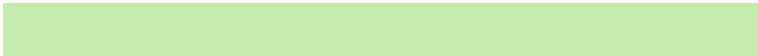
171.5610, 15.4994, -71.5290

Complementary

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



193.6040, 20.9012, 16.1333



218.3960, -20.9012, -16.1333

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.



177.0790, -3.4899, -47.4273



193.6040, 20.9012, 16.1333



185.9710, -29.5657, 9.6724

Square

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



193.6040, 20.9012, 16.1333



190.9880, -21.6861, 49.1225



182.3140, -19.8748, -18.6924



171.4260, 30.3560, -76.6726

Rectangle

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



193.6040, 20.9012, 16.1333



193.2220, -3.0674, 50.6713



182.3140, -19.8748, -18.6924



172.9980, 9.3680, -64.8962

Sweetspot

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



193.6040, 20.9012, 16.1333



240.8680, 6.9671, 5.3778



196.9280, 19.2625, -18.3539



118.5750, 4.6465, 3.0037



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.



193.6040, 20.9012, 16.1333



199.0590, 27.5789, 20.9963



200.0960, 14.7427, 31.4878



109.3470, 3.7729, 3.2037



53.2250, 62.9931, 48.9147



15.7240, 18.8701, 14.2741

Inverse Universe

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



196.6760, 1.6387, 34.4871



203.2690, 2.3324, 45.3681



211.9040, -14.7427, -31.4878



109.7450, 0.1257, 6.3626



62.3270, 4.7688, 104.0762



18.5400, 1.2128, 31.0984

Previews

White Background



This preview shows how the YUV color 193.6040, 20.9012, 16.1333 looks on a white background.

Color Contrast Check

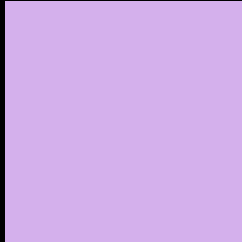
Large Text (above 18pt) WCAG AA × Fail

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 193.6040, 20.9012, 16.1333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

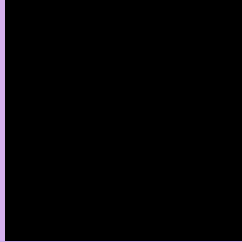
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.6040, 20.9012, 16.1333

Background



This preview shows how black text looks on a background with the YUV color 193.6040, 20.9012, 16.1333.



This preview shows how white text looks on a background with the YUV color 193.6040, 20.9012, 16.1333.

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

193.6040, 20.9012, 16.1333

Protanopia

189.9100, 26.6664, -13.0761

Deuteranopia

191.1730, 21.1137, -5.4137



Tritanopia

191.5870, 3.1616, 12.6402

Trichromacy



Original Color

193.6040, 20.9012, 16.1333

Protanomaly

191.1070, 24.5972, -2.7248

Deuteranomaly

191.9290, 21.2340, 2.6933

Tritanomaly

192.0200, 9.8501, 14.0145

Monochromacy



Original Color

193.6040, 20.9012, 16.1333

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.6940, 7.5459, 6.4074

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.6040, 20.9012, 16.1333 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(212, 176, 236)` looks like.

```
.text, #text, p{  
    color:rgb(212, 176, 236)  
}
```

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(212, 176, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 176, 236) }
```

Border

The CSS property to change the border of an element to YUV 193.6040, 20.9012, 16.1333 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(212, 176, 236) }
```


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

```
.border{ border-color:rgb(212, 176, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 176, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 176, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 176, 236);  
box-shadow:4px 4px 4px 4px rgb(212, 176,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 193.6040, 20.9012, 16.1333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 176, 236) }
```

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

```
.background{ background-color: rgb(212,  
176, 236) }
```

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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