

Converting Colors

YUV(200.7230, 3.5876, 16.0289)

Have a look what the booklet for
YUV(200.7230, 3.5876, 16.0289)
contains.

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Color

**YUV(200.7230, 3.5876,
16.0289)**

Conversions

Conversions Part 1

Format	Color
Hex	DBBED0
RGB	219, 190, 208
RGB Percent	86%, 75%, 82%
CMY	0.1412, 0.2549, 0.1843
CMYK	0.00, 0.13, 0.05, 0.14
HSL	323°, 29%, 80%
HSV	323°, 13%, 86%
XYZ	59.0120, 56.4410, 67.4584
YIQ	200.7230, 11.5060, 11.7460

Conversions

Conversions Part 2

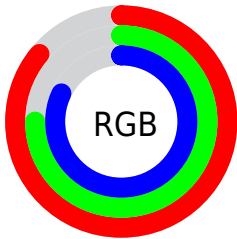
Format	Color
R _Y B	219, 190, 208
Decimal	14401232
CIE Lab	79.86, 13.34, -5.22
CIE LCh	80, 14.326, 338.649
Yxy	56.4410, 0.3226, 0.3086
Android (android.graphics.Color)	4292591312 (0xFFDBBED0)
YUV	200.7230, 3.5876, 16.0289
Hunter-Lab	75.1273, 8.7381, -0.6487

Details

The YUV color $200.7230, 3.5876, 16.0289$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $208.2770, -3.5876, -16.0289$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7170, 2.6045, 4.6332$, and $147.0110, 3.4456, 14.8994$ is the 20% darker color. If you saturate the color by 10%, you get $186.8970, 6.4598, 28.1543$, and if you desaturate by 10%, it is $214.5490, 0.7153, 3.9035$.

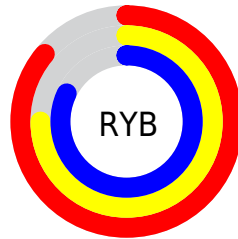
Distribution



Red (86%)

Green (75%)

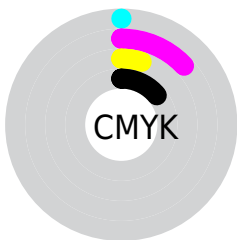
Blue (82%)



Red (86%)

Yellow (75%)

Blue (82%)

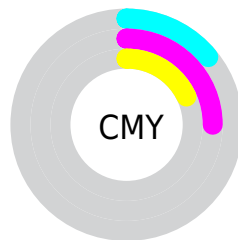


Cyan (0%)

Magenta (13%)

Yellow (5%)

Black (14%)



Cyan (14%)

Magenta (25%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 200.7230, 3.5876, 16.0289 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 200.7230, 3.5876, 16.0289 by changing the saturation by 10% instead.


 200.7230, 3.5876,
16.0289

 200.7230, 3.5876,
16.0289

255.0000, 0.0000,
0.0000

 173.3100, 3.2982,
15.5141


 249.7170, 2.6045,
4.6332

 147.0110, 3.4456,
14.8994

 120.7120, 3.5930,
14.2846

 96.2990, 3.3036,
13.7698

 72.0000, 3.4510,
13.1550

 49.5870, 3.1616,
12.6402

 27.8750, 3.0196,

11.5106

■ 8.3590, 2.2880,
12.8402

■ 0.0000, 0.0000,
0.0000

■ 200.7230, 3.5876,
16.0289

■ 200.7230, 3.5876,
16.0289

■ 186.8970, 6.4598,
28.1543

■ 214.5490, 0.7153,
3.9035

■ 172.9570, 8.8952,
40.3797

■ 228.4890, -1.7201,
-8.3219

■ 159.1310, 11.7674,
52.5051

■ 241.7280, -4.3029,
-19.9325

■ 145.3050, 14.6396,
64.6305

■ 242.6400, -0.8085,
-20.7323

■ 131.9520, 16.7857,
76.3411

■ 243.6660, 3.1227,
-21.6321

■ 118.1260, 19.6579,
88.4665

■ 244.2360, 5.3067,
-22.1320

■ 104.3000, 22.5301,
100.5919

■ 90.4740, 25.4023,
112.7173

■ 80.9850, 27.1224,
121.0392

Harmonies

Analogous

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



199.5520, 9.5879, 4.7779



200.7230, 3.5876, 16.0289



200.6330, -3.2701, 22.2469

Triad

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



200.7230, 3.5876, 16.0289



197.1290, -12.3886, 6.9029



194.0660, 9.8275, -25.4909

Complementary

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



200.7230, 3.5876, 16.0289



208.2770, -3.5876, -16.0289

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.



193.4700, 3.7123, -24.0912



200.7230, 3.5876, 16.0289



195.5620, -9.1511, -4.8779

Square

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



200.7230, 3.5876, 16.0289



198.7820, -12.7105, 16.8542



194.0920, -3.0034, -16.7437



195.6090, 13.0108, -19.8281

Rectangle

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



200.7230, 3.5876, 16.0289



200.6070, -7.2013, 23.1467



194.0920, -3.0034, -16.7437



193.3110, 8.2277, -25.7057

Sweetspot

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



200.7230, 3.5876, 16.0289



248.6740, 1.1467, 5.5479



196.5950, 11.0457, 3.8632



123.5490, 0.7153, 3.9035



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.



200.7230, 3.5876, 16.0289



229.2230, 5.3131, 22.6064



199.1270, -2.5276, 17.4286



102.9730, 0.9993, 6.1627



64.0390, 21.6728, 95.5588



16.9460, 5.4496, 25.4804

Inverse Universe

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



200.7230, 3.5876, 16.0289



229.2230, 5.3131, 22.6064



209.8730, 2.5276, -17.4286



102.9730, 0.9993, 6.1627



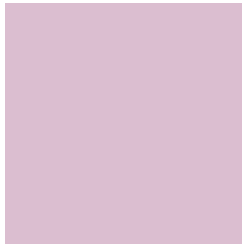
64.0390, 21.6728, 95.5588



16.9460, 5.4496, 25.4804

Previews

White Background



This preview shows how the YUV color 200.7230, 3.5876, 16.0289 looks on a white background.

Color Contrast Check

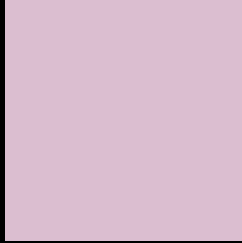
Large Text (above 18pt) WCAG AA × Fail

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 200.7230, 3.5876, 16.0289 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 200.7230, 3.5876, 16.0289

Background



This preview shows how black text looks on a background with the YUV color 200.7230, 3.5876, 16.0289.



This preview shows how white text looks on a background with the YUV color 200.7230, 3.5876,

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

200.7230, 3.5876, 16.0289

Protanopia

199.0090, 6.4046, -0.8849

Deuteranopia

200.1030, 3.8932, 11.3107



Tritanopia

200.3810, 2.2772, 16.3289

Trichromacy



Original Color

200.7230, 3.5876, 16.0289

Protanomaly

199.5260, 5.6567, 5.6777

Deuteranomaly

200.1140, 3.8878, 13.0550

Tritanomaly

200.4950, 2.7140, 16.2289

Monochromacy



Original Color

200.7230, 3.5876, 16.0289

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

201.0870, 1.4361, 6.0627

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.7230, 3.5876, 16.0289 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(219, 190, 208)` looks like.

```
.text, #text, p{  
    color:rgb(219, 190, 208)  
}
```

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(219, 190, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 190, 208) }
```

Border

The CSS property to change the border of an element to YUV 200.7230, 3.5876, 16.0289 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(219, 190, 208) }
```


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

```
.border{ border-color:rgb(219, 190, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 190, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 190, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 190, 208); box-shadow:4px 4px 4px 4px rgb(219, 190, 208) }
```

Background

The CSS property to change the background color of an element to YUV 200.7230, 3.5876, 16.0289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 190, 208) }
```

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

```
.background{ background-color: rgb(219,  
190, 208) }
```

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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