

Converting Colors

YUV(195.4240, 3.7350, 15.4142)

Have a look what the booklet for
YUV(195.4240, 3.7350, 15.4142)
contains.

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Color

**YUV(195.4240, 3.7350,
15.4142)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B9CB
RGB	213, 185, 203
RGB Percent	84%, 73%, 80%
CMY	0.1647, 0.2745, 0.2039
CMYK	0.00, 0.13, 0.05, 0.16
HSL	321°, 25%, 78%
HSV	321°, 13%, 84%
XYZ	55.5690, 53.1559, 63.8312
YIQ	195.4240, 10.9100, 11.5340

Conversions

Conversions Part 2

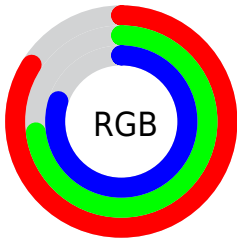
Format	Color
R_{YB}	213, 185, 203
Decimal	14006731
CIE _{Lab}	77.97, 13.06, -5.37
CIE _{LCh}	78, 14.121, 337.628
Yxy	53.1559, 0.3220, 0.3080
Android (android.graphics.Color)	4292196811 (0xFFD5B9CB)
YUV	195.4240, 3.7350, 15.4142
Hunter-Lab	72.9081, 8.4599, -0.8729

Details

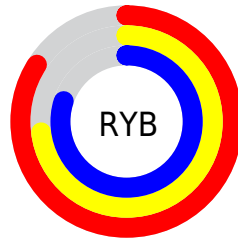
The YUV color $195.4240, 3.7350, 15.4142$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $202.5760, -3.7350, -15.4142$, and the grayscale version is $195.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.7820, 4.0515, 7.2072$, and $141.7120, 3.5930, 14.2846$ is the 20% darker color. If you saturate the color by 10%, you get $182.1850, 6.3178, 27.0248$, and if you desaturate by 10%, it is $208.6630, 1.1521, 3.8035$.

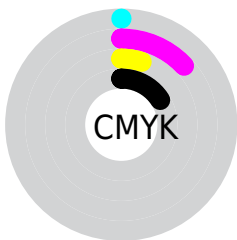
Distribution



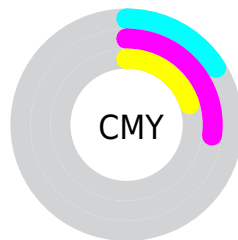
- Red (84%)
- Green (73%)
- Blue (80%)



- Red (84%)
- Yellow (73%)
- Blue (80%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.4240, 3.7350, 15.4142 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 195.4240, 3.7350, 15.4142 by changing the saturation by 10% instead.


 195.4240, 3.7350,
15.4142

 195.4240, 3.7350,
15.4142

255.0000, 0.0000,
0.0000

 168.1250, 3.8824,
14.7994


 246.7820, 4.0515,
7.2072

 141.7120, 3.5930,
14.2846

 116.2990, 3.3036,
13.7698

 91.2990, 3.3036,
13.7698

 67.5870, 3.1616,
12.6402

 45.2880, 3.3090,
12.0254

 24.5760, 3.1670,

10.8958

■ 3.2610, 0.8573,
5.0331

■ 0.0000, 0.0000,
0.0000

■ 195.4240, 3.7350,
15.4142

■ 195.4240, 3.7350,
15.4142

■ 182.1850, 6.3178,
27.0248

■ 208.6630, 1.1521,
3.8035

■ 168.4730, 9.6268,
39.0502

■ 222.3750, -2.1569,
-8.2219

■ 155.2340, 12.2096,
50.6608

■ 235.6140, -4.7397,
-19.8325

■ 142.1090, 15.2293,
62.1714

■ 239.9340, -3.4185,
-23.6211

■ 128.2830, 18.1015,
74.2968

■ 240.8460, 0.0759,
-24.4209

■ 115.0440, 20.6843,
85.9074

■ 241.7580, 3.5703,
-25.2208

■ 101.9190, 23.7039,
97.4180

■ 242.4420, 6.1911,
-25.8206

■ 88.6800, 26.2868,
109.0286

■ 79.3050, 28.4436,
117.2505

Harmonies

Analogous

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



194.5520, 9.5879, 4.7779



195.4240, 3.7350, 15.4142



195.4480, -2.6859, 21.5321

Triad

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



195.4240, 3.7350, 15.4142



192.1290, -12.3886, 6.9029



188.9520, 9.3907, -25.3909

Complementary

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



195.4240, 3.7350, 15.4142



202.5760, -3.7350, -15.4142

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.



188.4700, 3.7123, -24.0912



195.4240, 3.7350, 15.4142



190.5620, -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.



195.4240, 3.7350, 15.4142



193.8960, -12.2737, 16.7542



189.2770, -3.5876, -16.0289



190.6090, 13.0108, -19.8281

Rectangle

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



195.4240, 3.7350, 15.4142



194.7210, -6.7645, 23.0467



189.2770, -3.5876, -16.0289



188.1970, 7.7909, -25.6058

Sweetspot

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



195.4240, 3.7350, 15.4142



248.6740, 1.1467, 5.5479



191.1820, 10.7563, 3.3484



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.



195.4240, 3.7350, 15.4142



229.2230, 5.3131, 22.6064



193.8280, -2.3802, 16.8138



100.0870, 1.4361, 6.0627



63.6690, 22.8412, 94.1293



16.0490, 5.8918, 23.6360

Inverse Universe

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



195.4240, 3.7350, 15.4142



229.2230, 5.3131, 22.6064



204.1720, 2.3802, -16.8138



100.0870, 1.4361, 6.0627



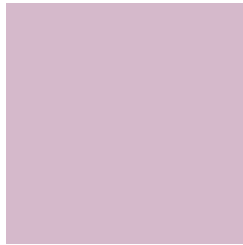
63.6690, 22.8412, 94.1293



16.0490, 5.8918, 23.6360

Previews

White Background



This preview shows how the YUV color 195.4240, 3.7350, 15.4142 looks on a white background.

Color Contrast Check

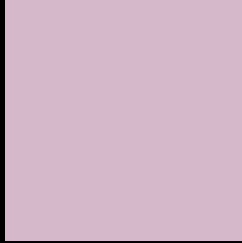
Large Text (above 18pt) WCAG AA × Fail

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 195.4240, 3.7350, 15.4142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

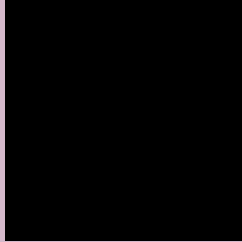
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.4240, 3.7350, 15.4142

Background



This preview shows how black text looks on a background with the YUV color 195.4240, 3.7350, 15.4142.



This preview shows how white text looks on a background with the YUV color 195.4240, 3.7350,

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

195.4240, 3.7350, 15.4142

Protanopia

193.7100, 6.5520, -1.4997

Deuteranopia

194.8040, 4.0406, 10.6959



Tritanopia

195.0820, 2.4246, 15.7141

Trichromacy



Original Color

195.4240, 3.7350, 15.4142

Protanomaly

194.2270, 5.8041, 5.0629

Deuteranomaly

194.8150, 4.0352, 12.4402

Tritanomaly

195.1960, 2.8614, 15.6141

Monochromacy



Original Color

195.4240, 3.7350, 15.4142

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

195.0870, 1.4361, 6.0627

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.4240, 3.7350, 15.4142 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(213, 185, 203)` looks like.

```
.text, #text, p{  
    color:rgb(213, 185, 203)  
}
```

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(213, 185, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 185, 203) }
```

Border

The CSS property to change the border of an element to YUV 195.4240, 3.7350, 15.4142 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(213, 185, 203) }
```


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

```
.border{ border-color:rgb(213, 185, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 185, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 185, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 185, 203);  
box-shadow:4px 4px 4px 4px rgb(213, 185,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 195.4240, 3.7350, 15.4142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 185, 203) }
```

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

```
.background{ background-color: rgb(213,  
185, 203) }
```

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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