

Converting Colors

YUV(155.7650, 0.1159, 56.3341)

Have a look what the booklet for
YUV(155.7650, 0.1159, 56.3341)
contains.

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Color

**YUV(155.7650, 0.1159,
56.3341)**

Conversions

Conversions Part 1

Format	Color
Hex	DC7B9C
RGB	220, 123, 156
RGB Percent	86%, 48%, 61%
CMY	0.1373, 0.5176, 0.3882
CMYK	0.00, 0.44, 0.29, 0.14
HSL	340°, 58%, 67%
HSV	340°, 44%, 86%
XYZ	42.5989, 31.7819, 35.3418
YIQ	155.7650, 47.2190, 30.8270

Conversions

Conversions Part 2

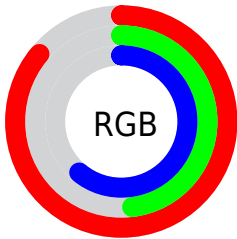
Format	Color
RYB	220, 123, 156
Decimal	14449564
CIELab	63.16, 41.42, -0.96
CIELCh	63, 41.435, 358.670
Yxy	31.7819, 0.3882, 0.2897
Android (android.graphics.Color)	4292639644 (0xFFDC7B9C)
YUV	155.7650, 0.1159, 56.3341
Hunter-Lab	56.3754, 36.2229, 2.2938

Details

The YUV color **155.7650, 0.1159, 56.3341** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **187.2350, -0.1159, -56.3341**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.0840, 2.9166, 44.6533**, and **102.3840, 1.2897, 53.1602** is the 20% darker color. If you saturate the color by 10%, you get **141.1410, -0.0695, 69.1593**, and if you desaturate by 10%, it is **170.3890, 0.3012, 43.5088**.

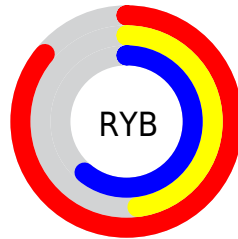
Distribution



Red (86%)

Green (48%)

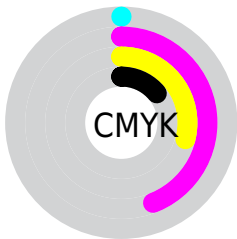
Blue (61%)



Red (86%)

Yellow (48%)

Blue (61%)

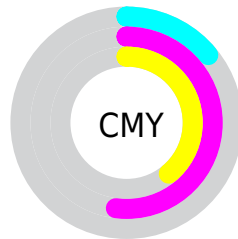


Cyan (0%)

Magenta (44%)

Yellow (29%)

Black (14%)



Cyan (14%)


Magenta (52%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YUV color 155.7650, 0.1159, 56.3341 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 155.7650, 0.1159, 56.3341 by changing the saturation by 10% instead.

 155.7650, 0.1159,
56.3341


 155.7650, 0.1159,
56.3341

255.0000, 0.0000,
0.0000

 128.8680, 0.5581,
54.4898

 204.0840, 2.9166,
44.6533

 102.3840, 1.2897,
53.1602


 223.8260, 7.4808,
27.3396

 76.0140, 2.4581,
51.7307

 242.6730, 6.0772,
10.8108

 48.5840, 4.6421,
51.2308

 28.4370, 4.2216,
46.0978

 18.4540, -1.7028,
32.9278

 7.5890, -3.2484,

15.2694

■ 0.0000, 0.0000,
0.0000

■ 155.7650, 0.1159,
56.3341

■ 155.7650, 0.1159,
56.3341

■ 141.1410, -0.0695,
69.1593

■ 170.3890, 0.3012,
43.5088

■ 126.6310, 0.1819,
81.8846

■ 184.8990, 0.0498,
30.7836

■ 112.0070, -0.0035,
94.7099

■ 199.5230, 0.2352,
17.9583

■ 97.4970, 0.2480,
107.4351

■ 214.0330, -0.0163,
5.2331

■ 82.8730, 0.0626,
120.2604

■ 228.6570, 0.1691,
-7.5922

■ 74.3300, 0.3303,
127.7526

■ 243.1670, -0.0823,
-20.3175

■ 244.5350, 5.1592,
-21.5172

Harmonies

Analogous

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



157.1010, 17.2052, 34.9914



155.7650, 0.1159, 56.3341



153.9060, -17.2087, 59.7184

Triad

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



155.7650, 0.1159, 56.3341



146.1710, -29.6643, -5.4120



122.5390, 45.5833, -107.4667

Complementary

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



155.7650, 0.1159, 56.3341



187.2350, -0.1159, -56.3341

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.



121.6950, 32.1954, -106.7265



155.7650, 0.1159, 56.3341



139.9030, -13.2632, -39.3799

Square

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



155.7650, 0.1159, 56.3341



149.8650, -35.4294, 23.7974



123.7450, 12.9437, -91.8614



144.5340, 40.1627, -48.7033

Rectangle

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



155.7650, 0.1159, 56.3341



153.0440, -26.6437, 52.5814



123.7450, 12.9437, -91.8614



122.8010, 41.5101, -107.6965

Sweetspot

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



155.7650, 0.1159, 56.3341



233.1210, -0.0597, 19.1879



152.8950, 33.0828, 29.0331



114.0770, -0.0380, 12.2105



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.



155.7650, 0.1159, 56.3341



165.6090, 0.1928, 78.3959



160.8080, -18.6393, 51.9114



102.6310, -0.3111, 6.4626



58.4530, 0.2697, 100.4577



15.5780, 0.2080, 26.6801

Inverse Universe

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



155.7650, 0.1159, 56.3341



165.6090, 0.1928, 78.3959



182.1920, 18.6393, -51.9114



102.6310, -0.3111, 6.4626



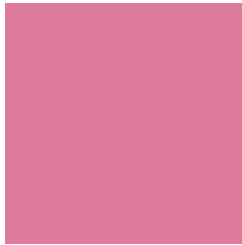
58.4530, 0.2697, 100.4577



15.5780, 0.2080, 26.6801

Previews

White Background



This preview shows how the YUV color 155.7650, 0.1159, 56.3341 looks on a white background.

Color Contrast Check

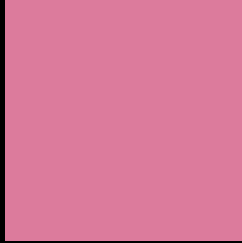
Large Text (above 18pt) WCAG AA × Fail

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 155.7650, 0.1159, 56.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

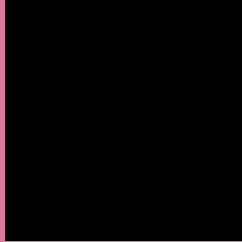
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.7650, 0.1159, 56.3341

Background



This preview shows how black text looks on a background with the YUV color 155.7650, 0.1159, 56.3341.



This preview shows how white text looks on a background with the YUV color 155.7650, 0.1159,

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

155.7650, 0.1159, 56.3341

Protanopia

153.9100, 9.9044, -3.4291

Deuteranopia

154.7350, -1.3484, 12.5104



Tritanopia

155.2350, -9.4829, 55.0449

Trichromacy



Original Color

155.7650, 0.1159, 56.3341

Protanomaly

154.1300, 6.3449, 18.3030

Deuteranomaly

155.2470, -1.1078, 28.7244

Tritanomaly

155.7450, -6.2833, 55.4746

Monochromacy



Original Color

155.7650, 0.1159, 56.3341

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.8330, 0.0823, 20.3175

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.7650, 0.1159, 56.3341 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(220, 123, 156)` looks like.

```
.text, #text, p{  
    color:rgb(220, 123, 156)  
}
```

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(220, 123, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 123, 156) }
```

Border

The CSS property to change the border of an element to YUV 155.7650, 0.1159, 56.3341 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(220, 123, 156) }
```


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

```
.border{ border-color:rgb(220, 123, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 123, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 123, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 123, 156);  
box-shadow:4px 4px 4px 4px rgb(220, 123,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 155.7650, 0.1159, 56.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 123, 156) }
```

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

```
.background{ background-color: rgb(220,  
123, 156) }
```

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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