

Converting Colors

YUV(156.1110, 25.5813,
55.1537)

Have a look what the booklet for
YUV(156.1110, 25.5813, 55.1537)
contains.

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Color

**YUV(156.1110, 25.5813,
55.1537)**

Conversions

Conversions Part 1

Format	Color
Hex	DB72D0
RGB	219, 114, 208
RGB Percent	86%, 45%, 82%
CMY	0.1412, 0.5529, 0.1843
CMYK	0.00, 0.48, 0.05, 0.14
HSL	306°, 59%, 65%
HSV	306°, 48%, 86%
XYZ	46.6159, 31.6488, 63.3264
YIQ	156.1110, 32.4060, 51.4940

Conversions

Conversions Part 2

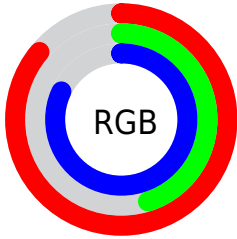
Format	Color
R _Y B	219, 114, 208
Decimal	14381776
CIE Lab	63.05, 53.57, -30.65
CIE LCh	63, 61.716, 330.224
Yxy	31.6488, 0.3292, 0.2235
Android (android.graphics.Color)	4292571856 (0xFFDB72D0)
YUV	156.1110, 25.5813, 55.1537
Hunter-Lab	56.2572, 49.4586, -27.3602

Details

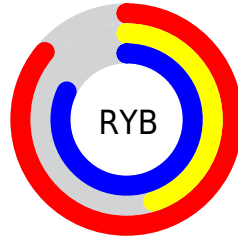
The YUV color **156.1110, 25.5813, 55.1537** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **176.8890, -25.5813, -55.1537**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.5180, 24.8876, 44.2727**, and **101.1000, 25.5867, 53.4093** is the 20% darker color. If you saturate the color by 10%, you get **142.9690, 31.0743, 66.6792**, and if you desaturate by 10%, it is **169.2530, 20.0883, 43.6281**.

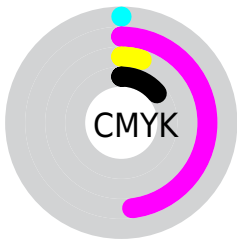
Distribution



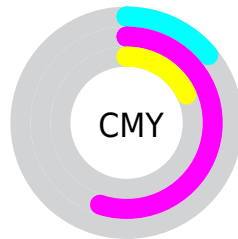
- Red (86%)
- Green (45%)
- Blue (82%)



- Red (86%)
- Yellow (45%)
- Blue (82%)



- Cyan (0%)
- Magenta (48%)
- Yellow (5%)
- Black (14%)





- Cyan (14%)
- Magenta (55%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 156.1110, 25.5813, 55.1537 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 156.1110, 25.5813, 55.1537 by changing the saturation by 10% instead.


 156.1110, 25.5813,
55.1537


 156.1110, 25.5813,
55.1537


255.0000, 0.0000,
0.0000


 128.3990, 25.4393,
54.0241


 204.5180, 24.8876,
44.2727


 101.1000, 25.5867,
53.4093


 220.9540, 16.7847,
29.8583

 72.7410, 26.7497,
53.7241

 237.9770, 8.3923,
14.9292

 43.6210, 28.7808,
55.5834

 32.6980, 21.8409,
41.4839

 22.9000, 15.3323,
29.0287

 12.3190, 9.7027,

14.6292

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 156.1110, 25.5813,
55.1537

■ 156.1110, 25.5813,
55.1537

■ 142.9690, 31.0743,
66.6792

■ 169.2530, 20.0883,
43.6281

■ 129.7130, 36.1305,
78.3047

■ 182.5090, 15.0321,
32.0026

■ 116.5710, 41.6235,
89.8302

■ 195.6510, 9.5391,
20.4771

■ 103.4290, 47.1165,
101.3558

■ 208.7930, 4.0461,
8.9515

■ 90.2870, 52.6095,
112.8813

■ 221.9350, -1.4470,
-2.5740

■ 87.8250, 53.3303,
115.0405

■ 234.6040, -6.2138,
-13.6847

■ 240.7020, -8.2341,
-19.0327

■ 240.9300, -7.3605,
-19.2326

■ 241.2720, -6.0501,
-19.5325

Harmonies

Analogous

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



155.0250, 45.8367, -1.7759



156.1110, 25.5813, 55.1537



150.7070, 1.6234, 86.2030

Triad

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



156.1110, 25.5813, 55.1537



145.0620, -57.7116, 30.6406



127.9700, 38.4688, -112.2297

Complementary

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



156.1110, 25.5813, 55.1537



176.8890, -25.5813, -55.1537

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.



122.2870, 14.1555, -107.2457



156.1110, 25.5813, 55.1537



139.8160, -44.7723, -12.9936

Square

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



156.1110, 25.5813, 55.1537



148.6700, -46.1793, 65.1874



123.4330, -14.0175, -77.5557



129.1220, 58.1139, -113.2400

Rectangle

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



156.1110, 25.5813, 55.1537



149.2610, -15.4117, 90.1021



123.4330, -14.0175, -77.5557



126.6190, 30.7538, -111.0449

Sweetspot

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



156.1110, 25.5813, 55.1537



233.4120, 8.6709, 18.9327



128.9600, 44.3897, -4.3499



114.7440, 5.0562, 11.6255



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.



156.1110, 25.5813, 55.1537



166.4140, 36.2779, 77.6899



150.1830, 2.8678, 60.3525



103.4290, 2.7465, 5.7628



69.3970, 42.2023, 90.8598



18.4280, 11.1280, 24.1806

Inverse Universe

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



156.1110, 25.5813, 55.1537



166.4140, 36.2779, 77.6899



182.8170, -2.8678, -60.3525



103.4290, 2.7465, 5.7628



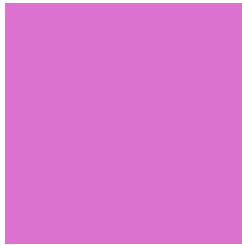
69.3970, 42.2023, 90.8598



18.4280, 11.1280, 24.1806

Previews

White Background



This preview shows how the YUV color 156.1110, 25.5813, 55.1537 looks on a white background.

Color Contrast Check

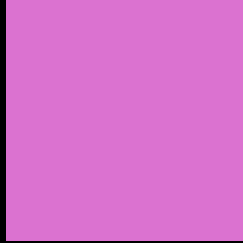
Large Text (above 18pt) WCAG AA × Fail

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 156.1110, 25.5813, 55.1537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

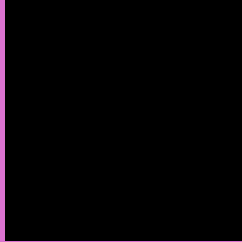
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.1110, 25.5813, 55.1537

Background



This preview shows how black text looks on a background with the YUV color 156.1110, 25.5813, 55.1537.



This preview shows how white text looks on a background with the YUV color 156.1110, 25.5813,

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

156.1110, 25.5813, 55.1537

Protanopia

151.2470, 42.2762, -26.5266

Deuteranopia

153.8240, 23.7508, -11.2466



Tritanopia

155.2450, -8.0088, 48.8971

Trichromacy



Original Color

156.1110, 25.5813, 55.1537



Protanomaly

153.1260, 35.9269, 3.3975



Deuteranomaly

154.7930, 24.2591, 12.4595



Tritanomaly

155.4700, 4.2053, 51.3308

Monochromacy



Original Color

156.1110, 25.5813, 55.1537



Achromatopsia

156.0000, 0.0000, 0.0000



Achromatomaly

156.2380, 9.2497, 19.9623

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.1110, 25.5813, 55.1537 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, 114, 208)` looks like.

```
.text, #text, p{  
    color:rgb(219, 114, 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, 114, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 114, 208) }
```

Border

The CSS property to change the border of an element to YUV 156.1110, 25.5813, 55.1537 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, 114, 208) }
```


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

```
.border{ border-color:rgb(219, 114, 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, 114, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 114, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 114, 208);  
box-shadow:4px 4px 4px 4px rgb(219, 114,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 156.1110, 25.5813, 55.1537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 114, 208) }
```

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

```
.background{ background-color: rgb(219,  
114, 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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