

Converting Colors

YUV(168.5240, 25.8707,
55.6685)

Have a look what the booklet for
YUV(168.5240, 25.8707, 55.6685)
contains.

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Color

**YUV(168.5240, 25.8707,
55.6685)**

Conversions

Conversions Part 1

Format	Color
Hex	E87EDD
RGB	232, 126, 221
RGB Percent	91%, 49%, 87%
CMY	0.0902, 0.5059, 0.1333
CMYK	0.00, 0.46, 0.05, 0.09
HSL	306°, 70%, 70%
HSV	306°, 46%, 91%
XYZ	53.7907, 37.2980, 72.7708
YIQ	168.5240, 32.6810, 52.0170

Conversions

Conversions Part 2

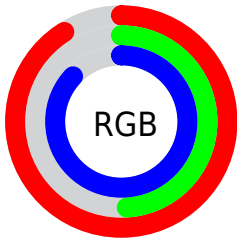
Format	Color
RYB	232, 126, 221
Decimal	15236829
CIELab	67.50, 53.67, -30.90
CIElCh	67, 61.925, 330.070
Yxy	37.2980, 0.3283, 0.2276
Android (android.graphics.Color)	4293426909 (0xFFE87EDD)
YUV	168.5240, 25.8707, 55.6685
Hunter-Lab	61.0721, 50.3421, -27.8969

Details

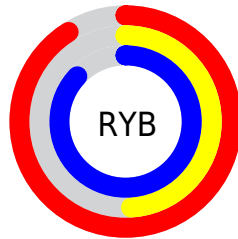
The YUV color **168.5240, 25.8707, 55.6685** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **189.4760, -25.8707, -55.6685**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.5620, 21.4149, 38.0951**, and **113.2140, 26.0235, 53.3093** is the 20% darker color. If you saturate the color by 10%, you get **154.7950, 31.6531, 67.7088**, and if you desaturate by 10%, it is **182.2530, 20.0883, 43.6281**.

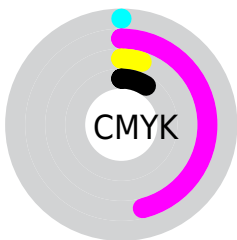
Distribution



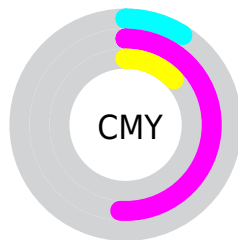
- Red (91%)
- Green (49%)
- Blue (87%)



- Red (91%)
- Yellow (49%)
- Blue (87%)



- Cyan (0%)
- Magenta (46%)
- Yellow (5%)
- Black (9%)





- Cyan (9%)
- Magenta (51%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 168.5240, 25.8707, 55.6685 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 168.5240, 25.8707, 55.6685 by changing the saturation by 10% instead.


 168.5240, 25.8707,
55.6685


 168.5240, 25.8707,
55.6685


255.0000, 0.0000,
0.0000


 140.8120, 25.7287,
54.5389


 211.5620, 21.4149,
38.0951


 113.2140, 26.0235,
53.3093


 228.5850, 13.0226,
23.1660

 85.3280, 26.4603,
53.2093

 245.6080, 4.6303,
8.2368

 53.1590, 29.5016,
57.7426

 37.5400, 24.8768,
47.7614

 27.1440, 18.6630,
34.0767

 17.6450, 12.0070,

22.2363

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 168.5240, 25.8707,
55.6685

■ 168.5240, 25.8707,
55.6685

■ 154.7950, 31.6531,
67.7088

■ 182.2530, 20.0883,
43.6281

■ 140.9520, 36.9987,
79.8491

■ 196.0960, 14.7427,
31.4878

■ 126.6360, 43.0705,
92.4042

■ 210.4120, 8.6709,
18.9327

■ 112.7930, 48.4161,
104.5445

■ 224.2550, 3.3253,
6.7924

99.0640, 54.1984,
116.5849

237.9840, -2.4571,
-5.2480

93.0800, 56.6556,
121.8328

245.8430, -5.3456,
-12.1403

246.1850, -4.0352,
-12.4402

246.4130, -3.1616,
-12.6402

246.7550, -1.8512,
-12.9401

Harmonies

Analogous

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



166.4550, 43.6527, -1.2760



168.5240, 25.8707, 55.6685



161.0270, 2.9447, 82.4143

Triad

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



168.5240, 25.8707, 55.6685



157.8880, -57.1328, 31.6702



137.0830, 40.3851, -120.2218

Complementary

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



168.5240, 25.8707, 55.6685



189.4760, -25.8707, -55.6685

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.



130.6990, 15.9244, -114.6230



168.5240, 25.8707, 55.6685



152.0010, -45.3565, -12.2789

Square

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



168.5240, 25.8707, 55.6685



160.5670, -46.6215, 67.0317



137.9990, -15.7755, -73.6671



137.0780, 58.1355, -120.2174

Rectangle

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



168.5240, 25.8707, 55.6685



158.4560, -14.5218, 84.6691



137.9990, -15.7755, -73.6671



135.0310, 32.5227, -118.4222

Sweetspot

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



168.5240, 25.8707, 55.6685



233.4120, 8.6709, 18.9327



141.3730, 44.6791, -3.8351



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.



168.5240, 25.8707, 55.6685



171.1100, 33.9628, 73.5715



162.4820, 2.7204, 60.9673



107.8420, 3.0359, 6.2776



71.7610, 43.5018, 94.0486



20.4930, 12.5750, 26.7546

Inverse Universe

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



168.5240, 25.8707, 55.6685



171.1100, 33.9628, 73.5715



195.5180, -2.7204, -60.9673



107.8420, 3.0359, 6.2776



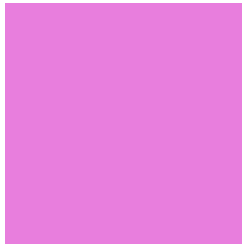
71.7610, 43.5018, 94.0486



20.4930, 12.5750, 26.7546

Previews

White Background



This preview shows how the YUV color 168.5240, 25.8707, 55.6685 looks on a white background.

Color Contrast Check

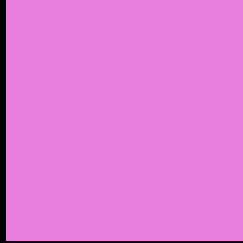
Large Text (above 18pt) WCAG AA × Fail

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 168.5240, 25.8707, 55.6685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

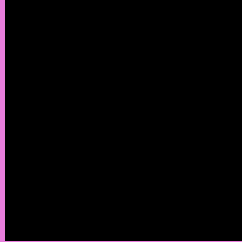
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.5240, 25.8707, 55.6685

Background



This preview shows how black text looks on a background with the YUV color 168.5240, 25.8707, 55.6685.



This preview shows how white text looks on a background with the YUV color 168.5240, 25.8707,

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

168.5240, 25.8707, 55.6685

Protanopia

163.5460, 42.1288, -25.9118

Deuteranopia

165.6500, 24.3296, -10.2170



Tritanopia

167.0710, -7.4300, 49.9267

Trichromacy



Original Color

168.5240, 25.8707, 55.6685



Protanomaly

165.5390, 36.2163, 3.9123



Deuteranomaly

166.6190, 24.8378, 13.4891



Tritanomaly

167.8830, 4.4947, 51.8456

Monochromacy



Original Color

168.5240, 25.8707, 55.6685



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

168.6510, 9.5391, 20.4771

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.5240, 25.8707, 55.6685 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(232, 126, 221)` looks like.

```
.text, #text, p{  
    color:rgb(232, 126, 221)  
}
```

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(232, 126, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 126, 221) }
```

Border

The CSS property to change the border of an element to YUV 168.5240, 25.8707, 55.6685 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(232, 126, 221) }
```


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

```
.border{ border-color:rgb(232, 126, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 126, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 126, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 126, 221);  
box-shadow:4px 4px 4px 4px rgb(232, 126,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 168.5240, 25.8707, 55.6685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 126, 221) }
```

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

```
.background{ background-color: rgb(232,  
126, 221) }
```

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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