

Converting Colors

YUV(153.5170, 33.2691,
62.6906)

Have a look what the booklet for
YUV(153.5170, 33.2691, 62.6906)
contains.

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Color

**YUV(153.5170, 33.2691,
62.6906)**

Conversions

Conversions Part 1

Format	Color
Hex	E168DD
RGB	225, 104, 221
RGB Percent	88%, 41%, 87%
CMY	0.1176, 0.5922, 0.1333
CMYK	0.00, 0.54, 0.02, 0.12
HSL	302°, 67%, 65%
HSV	302°, 54%, 88%
XYZ	49.0528, 31.1286, 71.8297
YIQ	153.5170, 34.5590, 62.0390

Conversions

Conversions Part 2

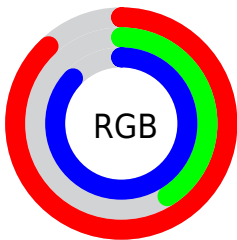
Format	Color
R _{YB}	225, 104, 221
Decimal	14772445
CIE Lab	62.62, 62.20, -38.56
CIE LCh	63, 73.183, 328.204
Yxy	31.1286, 0.3227, 0.2048
Android (android.graphics.Color)	4292962525 (0xFFE168DD)
YUV	153.5170, 33.2691, 62.6906
Hunter-Lab	55.7930, 59.2979, -37.2766

Details

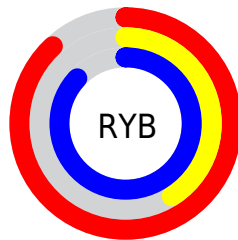
The YUV color **153.5170, 33.2691, 62.6906** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **175.4830, -33.2691, -62.6906**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.2350, 27.4921, 48.9059**, and **95.7450, 34.1427, 62.4906** is the 20% darker color. If you saturate the color by 10%, you get **140.4890, 39.1989, 74.1161**, and if you desaturate by 10%, it is **166.5450, 27.3393, 51.2650**.

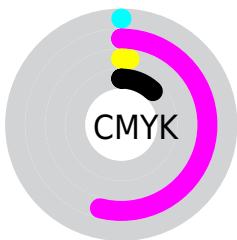
Distribution



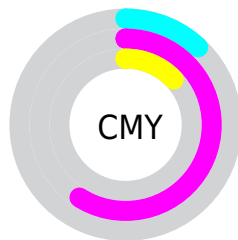
- Red (88%)
- Green (41%)
- Blue (87%)



- Red (88%)
- Yellow (41%)
- Blue (87%)



- Cyan (0%)
- Magenta (54%)
- Yellow (2%)
- Black (12%)





- Cyan (12%)
- Magenta (59%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 153.5170, 33.2691, 62.6906 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 153.5170, 33.2691, 62.6906 by changing the saturation by 10% instead.


 153.5170, 33.2691,
62.6906


 153.5170, 33.2691,
62.6906


255.0000, 0.0000,
0.0000


 125.2180, 33.4165,
62.0758


 199.2350, 27.4921,
48.9059

 95.7450, 34.1427,
62.4906


 215.6710, 19.3892,
34.4915


 58.5810, 39.6466,
70.5275

 232.6940, 10.9969,
19.5624

 46.0710, 32.9960,
56.9427

 250.3040, 2.3151,
4.1184

 35.1480, 26.0560,
42.8432

 24.6380, 19.4055,
29.2585

 13.9430, 13.3391,

14.9590

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 153.5170, 33.2691,
62.6906

■ 153.5170, 33.2691,
62.6906

■ 140.4890, 39.1989,
74.1161

■ 166.5450, 27.3393,
51.2650

■ 126.9880, 45.8549,
85.9565

■ 180.0460, 20.6833,
39.4247

■ 113.9600, 51.7847,
97.3821

■ 193.6610, 14.4641,
27.4843

■ 100.3450, 58.0039,
109.3224

■ 206.6890, 8.5343,
16.0587

92.1270, 62.0554,
116.5296

220.3040, 2.3151,
4.1184

233.2180, -4.0515,
-7.2072

242.7240, -8.2449,
-15.5439

242.8380, -7.8081,
-15.6439

242.9520, -7.3713,
-15.7439

Harmonies

Analogous

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



150.7620, 51.3893, -9.4383



153.5170, 33.2691, 62.6906



142.3910, 7.6952, 98.7581

Triad

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



153.5170, 33.2691, 62.6906



141.6040, -69.8108, 38.0583



130.3010, 39.7846, -114.2740

Complementary

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



153.5170, 33.2691, 62.6906



175.4830, -33.2691, -62.6906

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.



122.1900, 11.2453, -107.1606



153.5170, 33.2691, 62.6906



133.0340, -65.5858, -10.5538

Square

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



153.5170, 33.2691, 62.6906



144.8690, -54.6584, 78.1679



112.2040, -16.8626, -98.4029



131.7950, 60.7401, -115.5842

Rectangle

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



153.5170, 33.2691, 62.6906



139.2500, -11.9552, 101.5127



112.2040, -16.8626, -98.4029



127.9070, 30.6118, -112.1744

Sweetspot

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



153.5170, 33.2691, 62.6906



230.8190, 11.4282, 21.2067



118.3920, 52.5577, -10.8678



113.2110, 6.7980, 12.9700



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.



153.5170, 33.2691, 62.6906



156.9880, 45.8549, 85.9565



146.7910, 7.4980, 68.5893



105.5430, 3.1833, 5.6628



72.0040, 48.3120, 91.2045



19.7100, 13.4540, 24.8103

Inverse Universe

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



153.5170, 33.2691, 62.6906



156.9880, 45.8549, 85.9565



182.2090, -7.4980, -68.5893



105.5430, 3.1833, 5.6628



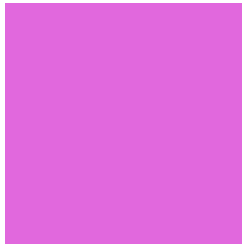
72.0040, 48.3120, 91.2045



19.7100, 13.4540, 24.8103

Previews

White Background



This preview shows how the YUV color 153.5170, 33.2691, 62.6906 looks on a white background.

Color Contrast Check

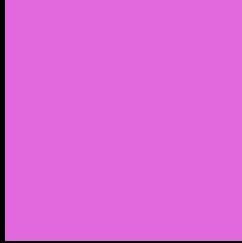
Large Text (above 18pt) WCAG AA × Fail

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 153.5170, 33.2691, 62.6906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

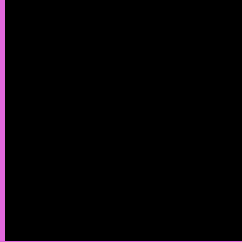
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.5170, 33.2691, 62.6906

Background



This preview shows how black text looks on a background with the YUV color 153.5170, 33.2691, 62.6906.



This preview shows how white text looks on a background with the YUV color 153.5170, 33.2691, 62.6906.

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

153.5170, 33.2691, 62.6906

Protanopia

147.9390, 52.7811, -35.9035

Deuteranopia

151.2020, 30.4664, -18.5942



Tritanopia

153.6370, -9.1880, 53.8154

Trichromacy



Original Color

153.5170, 33.2691, 62.6906



Protanomaly

150.0360, 45.8313, -0.0316



Deuteranomaly

152.0300, 31.5372, 11.3747



Tritanomaly

153.6710, 6.0782, 57.2935

Monochromacy



Original Color

153.5170, 33.2691, 62.6906



Achromatopsia

154.0000, 0.0000, 0.0000



Achromatomaly

153.9440, 11.8596, 22.8511

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.5170, 33.2691, 62.6906 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(225, 104, 221)` looks like.

```
.text, #text, p{  
    color:rgb(225, 104, 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(225, 104, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 104, 221) }
```

Border

The CSS property to change the border of an element to YUV 153.5170, 33.2691, 62.6906 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(225, 104, 221) }
```


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

```
.border{ border-color:rgb(225, 104, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 104, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 104, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 104, 221);  
box-shadow:4px 4px 4px 4px rgb(225, 104,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 153.5170, 33.2691, 62.6906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 104, 221) }
```

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

```
.background{ background-color: rgb(225,  
104, 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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