

Converting Colors

YUV(150.2550, 37.3423,
62.9204)

Have a look what the booklet for
YUV(150.2550, 37.3423, 62.9204)
contains.

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Color

**YUV(150.2550, 37.3423,
62.9204)**

Conversions

Conversions Part 1

Format	Color
Hex	DE63E2
RGB	222, 99, 226
RGB Percent	87%, 39%, 89%
CMY	0.1294, 0.6118, 0.1137
CMYK	0.02, 0.56, 0.00, 0.11
HSL	298°, 69%, 64%
HSV	298°, 56%, 89%
XYZ	48.3135, 29.9443, 75.1849
YIQ	150.2550, 32.5410, 65.5730

Conversions

Conversions Part 2

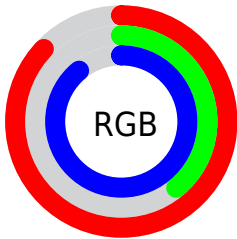
Format	Color
R _Y B	222, 99, 226
Decimal	14574562
CIE Lab	61.61, 64.53, -42.97
CIE LCh	62, 77.527, 326.339
Yxy	29.9443, 0.3149, 0.1951
Android (android.graphics.Color)	4292764642 (0xFFDE63E2)
YUV	150.2550, 37.3423, 62.9204
Hunter-Lab	54.7214, 61.8354, -43.1571

Details

The YUV color **150.2550, 37.3423, 62.9204** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **174.7450, -37.3423, -62.9204**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.3000, 28.9391, 51.4799**, and **91.3090, 38.7947, 63.7500** is the 20% darker color. If you saturate the color by 10%, you get **136.4550, 44.1457, 74.1460**, and if you desaturate by 10%, it is **164.0550, 30.5389, 51.6948**.

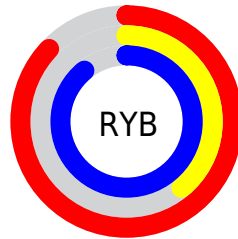
Distribution



Red (87%)

Green (39%)

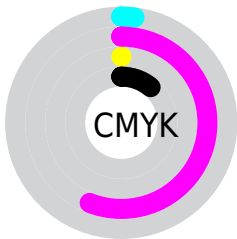
Blue (89%)



Red (87%)

Yellow (39%)

Blue (89%)

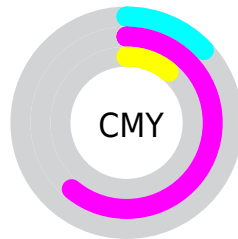


Cyan (2%)

Magenta (56%)

Yellow (0%)

Black (11%)



Cyan (13%)


Magenta (61%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 150.2550, 37.3423, 62.9204 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 150.2550, 37.3423, 62.9204 by changing the saturation by 10% instead.


 150.2550, 37.3423,
62.9204


 150.2550, 37.3423,
62.9204


255.0000, 0.0000,
0.0000


 121.3690, 37.7791,
62.8204


 196.3000, 28.9391,
51.4799

 91.3090, 38.7947,
63.7500


 213.3230, 20.5468,
36.5507


 56.9660, 42.4148,
69.3128

 230.3460, 12.1544,
21.6216

 45.6300, 35.1854,
54.6985

 247.3690, 3.7621,
6.6924

 34.4080, 28.3929,
39.9842

 24.1970, 21.5949,
27.0142

 12.9040, 15.8233,

11.4852

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 150.2550, 37.3423,
62.9204

■ 150.2550, 37.3423,
62.9204

■ 136.4550, 44.1457,
74.1460

■ 164.0550, 30.5389,
51.6948

■ 123.5410, 50.5123,
85.4715

■ 176.9690, 24.1723,
40.3692

■ 109.7410, 57.3157,
96.6971

■ 190.7690, 17.3689,
29.1436

■ 96.5280, 63.8297,
107.4079

■ 203.9820, 10.8549,
18.4328

91.2450, 66.4342,
112.0411

217.7820, 4.0515,
7.2072

231.2830, -2.6045,
-4.6332

243.3220, -8.5397,
-14.3144

243.6210, -8.6872,
-13.6996

Harmonies

Analogous

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



145.1030, 54.1792, -17.6303



150.2550, 37.3423, 62.9204



135.5750, 12.0415, 104.7357

Triad

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



150.2550, 37.3423, 62.9204



139.5550, -68.8006, 40.7323



128.7850, 39.0530, -112.9444

Complementary

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



150.2550, 37.3423, 62.9204



174.7450, -37.3423, -62.9204

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.



120.8050, 8.4771, -105.9460



150.2550, 37.3423, 62.9204



131.5610, -64.8596, -10.1390

Square

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



150.2550, 37.3423, 62.9204



140.3320, -56.8587, 83.9008



109.6620, -21.5254, -96.1736



131.2080, 61.0295, -115.0694

Rectangle

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



150.2550, 37.3423, 62.9204



132.2060, -8.4826, 107.6903



109.6620, -21.5254, -96.1736



126.2770, 29.4434, -110.7449

Sweetspot

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



150.2550, 37.3423, 62.9204



229.4600, 12.5912, 21.5216



115.8260, 54.3158, -14.7564



112.4390, 7.6716, 12.7700



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.



150.2550, 37.3423, 62.9204



153.1280, 50.2229, 84.9567



144.7250, 10.9816, 71.2782



105.5430, 3.1833, 5.6628



70.8940, 51.8173, 86.9160



19.5250, 14.0382, 24.0956

Inverse Universe

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



137.4290, -16.9735, 77.6768



135.8130, -22.5858, 104.5270



180.2750, -10.9816, -71.2782



104.2890, -1.6215, 6.7625



53.3080, -23.3228, 107.6009



14.5800, -6.2019, 29.3093

Previews

White Background



This preview shows how the YUV color 150.2550, 37.3423, 62.9204 looks on a white background.

Color Contrast Check

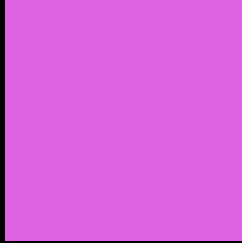
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.2550, 37.3423, 62.9204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

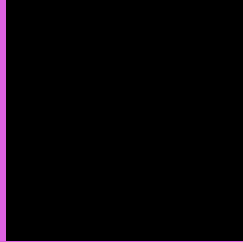
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 150.2550, 37.3423, 62.9204 Background



This preview shows how black text looks on a background with the YUV color 150.2550, 37.3423, 62.9204.



This preview shows how white text looks on a background with the YUV color 150.2550, 37.3423, 62.9204.

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

150.2550, 37.3423, 62.9204

Protanopia

144.9710, 54.2443, -38.5626

Deuteranopia

147.7930, 34.1191, -23.4975



Tritanopia

151.0390, -8.8932, 52.5858

Trichromacy



Original Color

150.2550, 37.3423, 62.9204



Protanomaly

146.8940, 47.8733, -1.6610



Deuteranomaly

148.6320, 35.1844, 8.2157



Tritanomaly

150.8280, 7.9728, 56.2788

Monochromacy



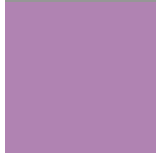
Original Color

150.2550, 37.3423, 62.9204



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.8130, 13.8962, 22.9660

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.2550, 37.3423, 62.9204 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(222, 99, 226)` looks like.

```
.text, #text, p{  
    color:rgb(222, 99, 226)  
}
```

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(222, 99, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 99, 226) }
```

Border

The CSS property to change the border of an element to YUV 150.2550, 37.3423, 62.9204 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(222, 99, 226) }
```


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

```
.border{ border-color:rgb(222, 99, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 99, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 99, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 99, 226);  
box-shadow:4px 4px 4px 4px rgb(222, 99,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 150.2550, 37.3423, 62.9204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 99, 226) }
```

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

```
.background{ background-color: rgb(222, 99,  
226) }
```

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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