

Converting Colors

YUV(150.2290, 13.1981,
60.3122)

Have a look what the booklet for
YUV(150.2290, 13.1981, 60.3122)
contains.

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Color

**YUV(150.2290, 13.1981,
60.3122)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DB6EB1 |
| RGB | 219, 110, 177 |
| RGB Percent | 86%, 43%, 69% |
| CMY | 0.1412, 0.5686, 0.3059 |
| CMYK | 0.00, 0.50, 0.19, 0.14 |
| HSL | 323°, 60%, 65% |
| HSV | 323°, 50%, 86% |
| XYZ | 42.7252, 29.3863, 45.0152 |
| YIQ | 150.2290, 43.4570, 43.9450 |

Conversions

Conversions Part 2

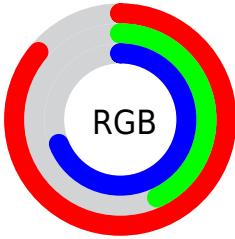
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 219, 110, 177 |
| Decimal | 14380721 |
| CIE Lab | 61.12, 50.60, -16.02 |
| CIE LCh | 61, 53.076, 342.427 |
| Yxy | 29.3863, 0.3648, 0.2509 |
| Android (android.graphics.Color) | 4292570801 (0xFFDB6EB1) |
| YUV | 150.2290, 13.1981, 60.3122 |
| Hunter-Lab | 54.2091, 45.8197, -11.2880 |

Details

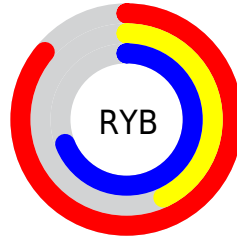
The YUV color **150.2290, 13.1981, 60.3122** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **178.7710, -13.1981, -60.3122**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.6620, 16.4356, 48.5314**, and **95.4460, 14.0771, 58.3679** is the 20% darker color. If you saturate the color by 10%, you get **136.4030, 16.0703, 72.4376**, and if you desaturate by 10%, it is **164.0550, 10.3259, 48.1868**.

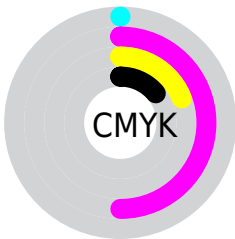
Distribution



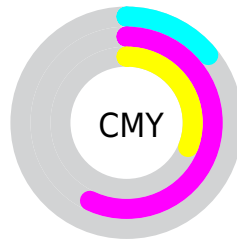
- Red (86%)
- Green (43%)
- Blue (69%)



- Red (86%)
- Yellow (43%)
- Blue (69%)



- Cyan (0%)
- Magenta (50%)
- Yellow (19%)
- Black (14%)



- Cyan (14%)
- Magenta (57%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.2290, 13.1981, 60.3122 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 150.2290, 13.1981, 60.3122 by changing the saturation by 10% instead.

150.2290, 13.1981,
60.3122

150.2290, 13.1981,
60.3122

255.0000, 0.0000,
0.0000

122.6310, 13.4929,
59.0826

199.6620, 16.4356,
48.5314

95.4460, 14.0771,
58.3679

218.6060, 17.9422,
31.9175

66.6140, 15.9663,
59.0975

235.6290, 9.5499,
16.9884

40.2440, 17.1347,
57.6680

252.6520, 1.1576,
2.0592

29.9620, 11.3577,
43.8833

20.3920, 5.7227,
31.2282

7.7030, -2.8116,

15.1695

■ 0.0000, 0.0000,
0.0000

■ 150.2290, 13.1981,
60.3122

■ 150.2290, 13.1981,
60.3122

■ 136.4030, 16.0703,
72.4376

■ 164.0550, 10.3259,
48.1868

■ 122.4630, 18.5057,
84.6629

■ 177.9950, 7.8905,
35.9614

■ 108.6370, 21.3780,
96.7884

■ 191.8210, 5.0182,
23.8360

■ 94.6970, 23.8134,
109.0137

■ 205.7610, 2.5828,
11.6106

■ 81.4580, 26.3962,
120.6243

■ 219.5870, -0.2894,
-0.5148

■ 80.8710, 26.6856,
121.1391

■ 232.9400, -2.4354,
-12.2254

■ 242.0700, -2.9925,
-20.2324

■ 243.0960, 0.9387,
-21.1322

■ 244.0080, 4.4331,
-21.9320

Harmonies

Analogous

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



151.9110, 32.0889, 21.1261



150.2290, 13.1981, 60.3122



147.0080, -8.3849, 76.2920

Triad

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



150.2290, 13.1981, 60.3122



140.5680, -45.1430, 12.6569



122.5560, 43.1099, -107.4816

Complementary

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



150.2290, 13.1981, 60.3122



178.7710, -13.1981, -60.3122

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.



119.3010, 23.0226, -104.6270



150.2290, 13.1981, 60.3122



134.4410, -29.3044, -27.5738

Square

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



150.2290, 13.1981, 60.3122



144.1190, -43.9357, 45.4996



112.6550, 2.6351, -98.7984



120.9380, 57.2186, -106.0626

Rectangle

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



150.2290, 13.1981, 60.3122



145.9140, -22.6356, 73.7434



112.6550, 2.6351, -98.7984



122.2480, 36.8527, -107.2115

Sweetspot

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



150.2290, 13.1981, 60.3122



230.9840, 4.4449, 21.0620



134.9840, 41.4199, 14.9230



113.4730, 2.7248, 12.7402



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.



150.2290, 13.1981, 60.3122



158.4630, 18.5057, 84.6629



144.0730, -10.3890, 65.7110



102.9730, 0.9993, 6.1627



63.9250, 21.2360, 95.6588



16.9460, 5.4496, 25.4804

Inverse Universe

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



150.2290, 13.1981, 60.3122



158.4630, 18.5057, 84.6629



184.9270, 10.3890, -65.7110



102.9730, 0.9993, 6.1627



63.9250, 21.2360, 95.6588



16.9460, 5.4496, 25.4804

Previews

White Background



This preview shows how the YUV color 150.2290, 13.1981, 60.3122 looks on a white background.

Color Contrast Check

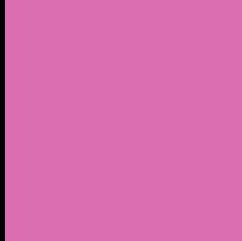
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.2290, 13.1981, 60.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

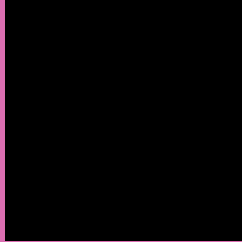
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 150.2290, 13.1981, 60.3122

Background



This preview shows how black text looks on a background with the YUV color 150.2290, 13.1981, 60.3122.



This preview shows how white text looks on a background with the YUV color 150.2290, 13.1981,

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

150.2290, 13.1981, 60.3122

Protanopia

148.0130, 27.1086, -14.9204

Deuteranopia

149.1710, 10.7617, 1.6040



Tritanopia

149.1320, -9.9251, 56.8892

Trichromacy



Original Color

150.2290, 13.1981, 60.3122



Protanomaly

148.9240, 22.2225, 12.3447



Deuteranomaly

149.8300, 11.4228, 22.9511



Tritanomaly

149.3200, -1.6368, 58.4784

Monochromacy



Original Color

150.2290, 13.1981, 60.3122



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.8100, 5.0237, 22.0916

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.2290, 13.1981, 60.3122 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, 110, 177)` looks like.

```
.text, #text, p{  
    color:rgb(219, 110, 177)  
}
```

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, 110, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 110, 177) }
```

Border

The CSS property to change the border of an element to YUV 150.2290, 13.1981, 60.3122 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, 110, 177) }
```


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

```
.border{ border-color:rgb(219, 110, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 110, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 110, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 110, 177);  
box-shadow:4px 4px 4px 4px rgb(219, 110,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 150.2290, 13.1981, 60.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 110, 177) }
```

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

```
.background{ background-color: rgb(219,  
110, 177) }
```

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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