

Converting Colors

YUV(151.5800, 20.9131,
59.1273)

Have a look what the booklet for
YUV(151.5800, 20.9131, 59.1273)
contains.

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Color

**YUV(151.5800, 20.9131,
59.1273)**

Conversions

Conversions Part 1

Format	Color
Hex	DB6DC2
RGB	219, 109, 194
RGB Percent	86%, 43%, 76%
CMY	0.1412, 0.5725, 0.2392
CMYK	0.00, 0.50, 0.11, 0.14
HSL	314°, 60%, 64%
HSV	314°, 50%, 86%
XYZ	44.4197, 29.8924, 54.4676
YIQ	151.5800, 38.2750, 49.7550

Conversions

Conversions Part 2

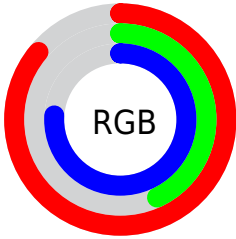
Format	Color
R _Y B	219, 109, 194
Decimal	14380482
CIE Lab	61.56, 53.70, -25.04
CIE LCh	62, 59.250, 335.001
Yxy	29.8924, 0.3449, 0.2321
Android (android.graphics.Color)	4292570562 (0xFFDB6DC2)
YUV	151.5800, 20.9131, 59.1273
Hunter-Lab	54.6739, 49.3424, -20.7945

Details

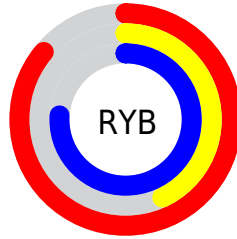
The YUV color **151.5800, 20.9131, 59.1273** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **176.4200, -20.9131, -59.1273**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.1270, 24.5874, 47.2466**, and **96.0960, 21.6447, 57.7978** is the 20% darker color. If you saturate the color by 10%, you get **138.0960, 25.0957, 70.9528**, and if you desaturate by 10%, it is **165.0640, 16.7304, 47.3019**.

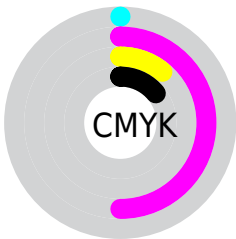
Distribution



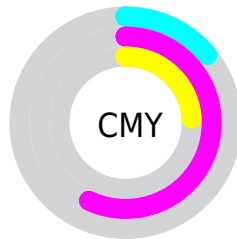
- Red (86%)
- Green (43%)
- Blue (76%)



- Red (86%)
- Yellow (43%)
- Blue (76%)



- Cyan (0%)
- Magenta (50%)
- Yellow (11%)
- Black (14%)




- Cyan (14%)
- Magenta (57%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 151.5800, 20.9131, 59.1273 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 151.5800, 20.9131, 59.1273 by changing the saturation by 10% instead.


 151.5800, 20.9131,
59.1273


 151.5800, 20.9131,
59.1273


255.0000, 0.0000,
0.0000

 123.9820, 21.2079,
57.8978


 201.1270, 24.5874,
47.2466


 96.0960, 21.6447,
57.7978


 218.0190, 18.2316,
32.4323


 66.5630, 23.3864,
59.1422

 235.0420, 9.8393,
17.5032

 42.2530, 23.5393,
56.7831

 252.0650, 1.4470,
2.5740

 31.4440, 17.0361,
42.5836

 21.7600, 10.9643,
30.0285

 10.2820, 5.7770,

13.7847

■ 0.0000, 0.0000,
0.0000

■ 151.5800, 20.9131,
59.1273

■ 151.5800, 20.9131,
59.1273

■ 138.0960, 25.0957,
70.9528

■ 165.0640, 16.7304,
47.3019

■ 124.6120, 29.2783,
82.7783

■ 178.5480, 12.5478,
35.4764

■ 111.1280, 33.4609,
94.6037

■ 192.0320, 8.3652,
23.6509

■ 97.6440, 37.6435,
106.4292

■ 205.5160, 4.1826,
11.8255

■ 84.7470, 41.5367,
117.7399

■ 219.0000, 0.0000,
0.0000

■ 231.8970, -3.8932,
-11.3107

■ 241.2720, -6.0501,
-19.5325

■ 241.8420, -3.8661,
-20.0324

■ 242.4120, -1.6821,
-20.5323

Harmonies

Analogous

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



152.1250, 40.8574, 8.6604



151.5800, 20.9131, 59.1273



146.9580, -2.4443, 84.2288

Triad

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



151.5800, 20.9131, 59.1273



141.3430, -53.9061, 23.3782



125.2630, 40.7893, -109.8557

Complementary

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



151.5800, 20.9131, 59.1273



176.4200, -20.9131, -59.1273

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.



119.9220, 17.7865, -105.1716



151.5800, 20.9131, 59.1273



135.8520, -39.3670, -20.0412

Square

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



151.5800, 20.9131, 59.1273



145.0990, -46.8838, 57.7952



112.0050, -4.9325, -98.2284



125.1440, 58.1030, -109.7513

Rectangle

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



151.5800, 20.9131, 59.1273



145.9030, -19.1792, 85.1541



112.0050, -4.9325, -98.2284



123.4390, 33.8006, -108.2560

Sweetspot

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



151.5800, 20.9131, 59.1273



231.6680, 7.0657, 20.4622



128.7160, 44.5100, 3.7571



113.8150, 4.0352, 12.4402



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.



151.5800, 20.9131, 59.1273



161.1990, 28.9889, 82.2635



145.4240, -2.6740, 64.5262



103.2010, 1.8729, 5.9627



67.0030, 33.0295, 92.9594



17.7440, 8.5072, 24.7805

Inverse Universe

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



151.5800, 20.9131, 59.1273



161.1990, 28.9889, 82.2635



182.5760, 2.6740, -64.5262



103.2010, 1.8729, 5.9627



67.0030, 33.0295, 92.9594



17.7440, 8.5072, 24.7805

Previews

White Background



This preview shows how the YUV color 151.5800, 20.9131, 59.1273 looks on a white background.

Color Contrast Check

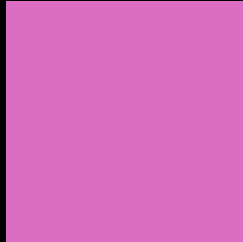
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.5800, 20.9131, 59.1273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

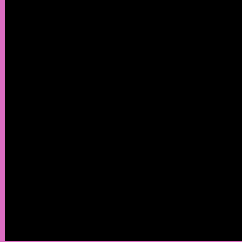
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 151.5800, 20.9131, 59.1273

Background



This preview shows how black text looks on a background with the YUV color 151.5800, 20.9131, 59.1273.



This preview shows how white text looks on a background with the YUV color 151.5800, 20.9131,

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

151.5800, 20.9131, 59.1273

Protanopia

148.4880, 36.7344, -22.3530

Deuteranopia

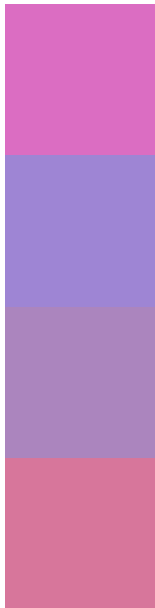
150.1900, 18.6403, -5.4286



Tritanopia

150.6370, -9.1880, 53.8154

Trichromacy



Original Color

151.5800, 20.9131, 59.1273

Protanomaly

149.4810, 30.8219, 7.4712

Deuteranomaly

150.8600, 19.2960, 17.6628

Tritanomaly

151.2210, 1.8630, 55.9342

Monochromacy



Original Color

151.5800, 20.9131, 59.1273

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.4940, 7.6445, 21.4918

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.5800, 20.9131, 59.1273 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, 109, 194)` looks like.

```
.text, #text, p{  
    color:rgb(219, 109, 194)  
}
```

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, 109, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 109, 194) }
```

Border

The CSS property to change the border of an element to YUV 151.5800, 20.9131, 59.1273 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, 109, 194) }
```


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

```
.border{ border-color:rgb(219, 109, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 109, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 109, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 109, 194);  
box-shadow:4px 4px 4px 4px rgb(219, 109,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 151.5800, 20.9131, 59.1273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 109, 194) }
```

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

```
.background{ background-color: rgb(219,  
109, 194) }
```

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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