

Converting Colors

YUV(152.4920, 24.4074,
58.3275)

Have a look what the booklet for
YUV(152.4920, 24.4074, 58.3275)
contains.

YUV(152.4920, 24.4074, 58.3275)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(152.4920, 24.4074,
58.3275)**

Conversions

Conversions Part 1

Format	Color
Hex	DB6DCA
RGB	219, 109, 202
RGB Percent	86%, 43%, 79%
CMY	0.1412, 0.5725, 0.2078
CMYK	0.00, 0.50, 0.08, 0.14
HSL	309°, 60%, 64%
HSV	309°, 50%, 86%
XYZ	45.3427, 30.2616, 59.3284
YIQ	152.4920, 35.7070, 52.2430

Conversions

Conversions Part 2

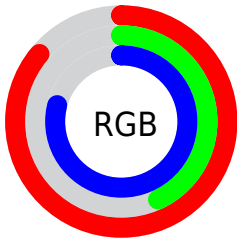
Format	Color
R _Y B	219, 109, 202
Decimal	14380490
CIE Lab	61.88, 55.00, -29.08
CIE LCh	62, 62.213, 332.133
Yxy	30.2616, 0.3360, 0.2243
Android (android.graphics.Color)	4292570570 (0xFFDB6DCA)
YUV	152.4920, 24.4074, 58.3275
Hunter-Lab	55.0106, 50.8610, -25.4363

Details

The YUV color **152.4920, 24.4074, 58.3275** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **175.5080, -24.4074, -58.3275**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.5830, 26.3346, 46.8467**, and **97.0080, 25.1391, 56.9980** is the 20% darker color. If you saturate the color by 10%, you get **139.2360, 29.4637, 69.9530**, and if you desaturate by 10%, it is **165.7480, 19.3512, 46.7020**.

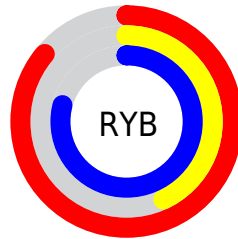
Distribution



Red (86%)

Green (43%)

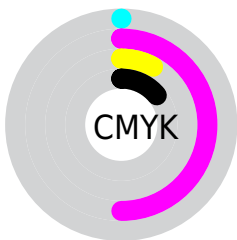
Blue (79%)



Red (86%)

Yellow (43%)

Blue (79%)

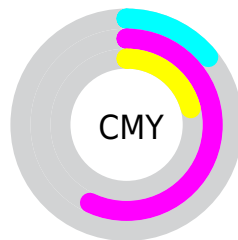


Cyan (0%)

Magenta (50%)

Yellow (8%)

Black (14%)



Cyan (14%)

Magenta (57%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.4920, 24.4074, 58.3275 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 152.4920, 24.4074, 58.3275 by changing the saturation by 10% instead.

152.4920, 24.4074,
58.3275

152.4920, 24.4074,
58.3275

255.0000, 0.0000,
0.0000

124.7800, 24.2655,
57.1979

201.5830, 26.3346,
46.8467

97.0080, 25.1391,
56.9980

218.0190, 18.2316,
32.4323

66.8880, 27.1702,
58.8572

235.0420, 9.8393,
17.5032

43.0510, 26.5969,
56.0833

252.0650, 1.4470,
2.5740

32.1280, 19.6569,
41.9837

22.4440, 13.5851,
29.4286

10.9660, 8.3978,

13.1848

■ 0.0000, 0.0000,
0.0000

■ 152.4920, 24.4074,
58.3275

■ 152.4920, 24.4074,
58.3275

■ 139.2360, 29.4637,
69.9530

■ 165.7480, 19.3512,
46.7020

■ 125.8660, 34.0831,
81.6785

■ 179.1180, 14.7318,
34.9765

■ 112.6100, 39.1393,
93.3040

■ 192.3740, 9.6756,
23.3510

■ 99.2400, 43.7587,
105.0295

■ 205.7440, 5.0562,
11.6255

■ 86.5710, 48.5255,
116.1402

■ 219.0000, 0.0000,
0.0000

■ 231.6690, -4.7668,
-11.1107

■ 240.9300, -7.3605,
-19.2326

■ 241.2720, -6.0501,
-19.5325

■ 241.6140, -4.7397,
-19.8325

Harmonies

Analogous

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



152.1180, 44.8048, 2.5275



152.4920, 24.4074, 58.3275



147.0770, 0.4550, 87.6325

Triad

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



152.4920, 24.4074, 58.3275



141.4100, -58.8691, 28.5814



126.3230, 39.7738, -110.7853

Complementary

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



152.4920, 24.4074, 58.3275



175.5080, -24.4074, -58.3275

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.



120.0530, 15.7499, -105.2865



152.4920, 24.4074, 58.3275



136.3210, -44.0353, -16.0675

Square

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



152.4920, 24.4074, 58.3275



145.0180, -47.3369, 63.1282



112.3920, -8.5743, -96.8138



126.7740, 59.2714, -111.1808

Rectangle

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



152.4920, 24.4074, 58.3275



145.5060, -17.0115, 89.8872



112.3920, -8.5743, -96.8138



124.8580, 31.6220, -109.5005

Sweetspot

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



152.4920, 24.4074, 58.3275



232.0100, 8.3761, 20.1622



126.6230, 45.5419, -0.5464



114.0430, 4.9088, 12.2403



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.



152.4920, 24.4074, 58.3275



162.4530, 33.7937, 81.1637



146.2220, 0.3836, 63.8263



103.3150, 2.3097, 5.8627



68.4850, 38.7079, 91.6597



18.2000, 10.2544, 24.3806

Inverse Universe

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



152.4920, 24.4074, 58.3275



162.4530, 33.7937, 81.1637



181.6640, -0.8204, -63.7263



103.3150, 2.3097, 5.8627



68.4850, 38.7079, 91.6597



18.2000, 10.2544, 24.3806

Previews

White Background



This preview shows how the YUV color 152.4920, 24.4074, 58.3275 looks on a white background.

Color Contrast Check

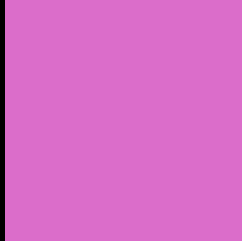
Large Text (above 18pt) WCAG AA × Fail

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 152.4920, 24.4074, 58.3275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

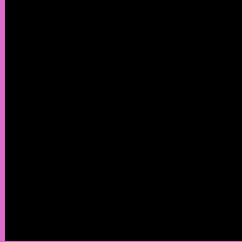
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.4920, 24.4074, 58.3275

Background



This preview shows how black text looks on a background with the YUV color 152.4920, 24.4074, 58.3275.



This preview shows how white text looks on a background with the YUV color 152.4920, 24.4074,

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

152.4920, 24.4074, 58.3275

Protanopia

148.3180, 41.2552, -25.7119

Deuteranopia

150.3790, 21.9982, -9.1024



Tritanopia

151.7400, -8.7458, 51.9710

Trichromacy



Original Color

152.4920, 24.4074, 58.3275



Protanomaly

149.6100, 35.1953, 4.7270



Deuteranomaly

151.1740, 23.0852, 15.6334



Tritanomaly

151.9650, 3.4683, 54.4047

Monochromacy



Original Color

152.4920, 24.4074, 58.3275



Achromatopsia

152.0000, 0.0000, 0.0000



Achromatomaly

151.8360, 8.9549, 21.1918

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.4920, 24.4074, 58.3275 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(219, 109, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 109, 202) }
```

Border

The CSS property to change the border of an element to YUV 152.4920, 24.4074, 58.3275 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, 202) }
```


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

```
.border{ border-color:rgb(219, 109, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 109, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 109, 202);  
box-shadow:4px 4px 4px 4px rgb(219, 109,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 152.4920, 24.4074, 58.3275 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, 202) }
```

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

```
.background{ background-color: rgb(219,  
109, 202) }
```

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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