

Converting Colors

YUV(163.9320, 23.6975,
52.6796)

Have a look what the booklet for
YUV(163.9320, 23.6975, 52.6796)
contains.

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Color

**YUV(163.9320, 23.6975,
52.6796)**

Conversions

Conversions Part 1

Format	Color
Hex	E07CD4
RGB	224, 124, 212
RGB Percent	88%, 49%, 83%
CMY	0.1216, 0.5137, 0.1686
CMYK	0.00, 0.45, 0.05, 0.12
HSL	307°, 62%, 68%
HSV	307°, 45%, 88%
XYZ	49.8318, 35.0161, 66.4197
YIQ	163.9320, 31.3520, 48.5680

Conversions

Conversions Part 2

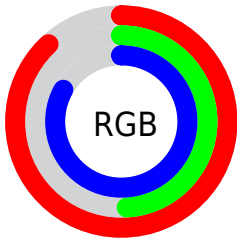
Format	Color
R _{YB}	224, 124, 212
Decimal	14712020
CIE Lab	65.76, 50.76, -28.65
CIE LCh	66, 58.284, 330.555
Yxy	35.0161, 0.3294, 0.2315
Android (android.graphics.Color)	4292902100 (0xFFE07CD4)
YUV	163.9320, 23.6975, 52.6796
Hunter-Lab	59.1744, 46.7629, -25.1274

Details

The YUV color **163.9320, 23.6975, 52.6796** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **184.0680, -23.6975, -52.6796**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.3880, 21.9937, 39.1247**, and **109.5080, 23.4136, 50.4205** is the 20% darker color. If you saturate the color by 10%, you get **150.6760, 28.7537, 64.3051**, and if you desaturate by 10%, it is **177.1880, 18.6413, 41.0541**.

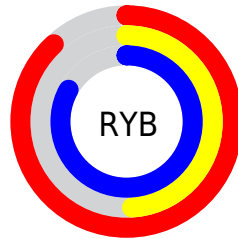
Distribution



Red (88%)

Green (49%)

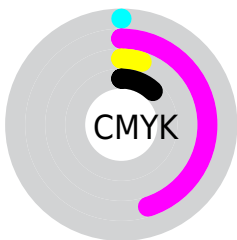
Blue (83%)



Red (88%)

Yellow (49%)

Blue (83%)

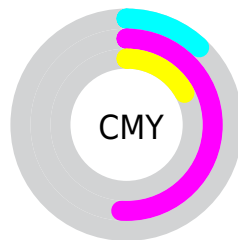


Cyan (0%)

Magenta (45%)

Yellow (5%)

Black (12%)



Cyan (12%)

Magenta (51%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.9320, 23.6975, 52.6796 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 163.9320, 23.6975, 52.6796 by changing the saturation by 10% instead.

163.9320, 23.6975,
52.6796

163.9320, 23.6975,
52.6796

255.0000, 0.0000,
0.0000

136.2200, 23.5555,
51.5501

210.3880, 21.9937,
39.1247

109.5080, 23.4136,
50.4205

226.8240, 13.8908,
24.7104

81.7360, 24.2872,
50.2205

243.8470, 5.4984,
9.7812

50.7410, 26.7497,
53.7241

34.6490, 22.8510,
44.1578

24.5520, 16.4899,
31.0879

14.8680, 10.4181,

18.5328

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 163.9320, 23.6975,
52.6796

■ 163.9320, 23.6975,
52.6796

■ 150.6760, 28.7537,
64.3051

■ 177.1880, 18.6413,
41.0541

■ 136.9470, 34.5361,
76.3455

■ 190.9170, 12.8589,
29.0138

■ 123.6910, 39.5923,
87.9710

■ 204.1730, 7.8027,
17.3883

■ 109.8480, 44.9379,
100.1113

■ 218.0160, 2.4571,
5.2480

96.7060, 50.4309,
111.6368

231.1580, -3.0359,
-6.2776

89.4340, 53.0300,
118.0144

242.6530, -7.2239,
-16.3587

242.9950, -5.9135,
-16.6586

243.3370, -4.6031,
-16.9585

243.5650, -3.7295,
-17.1585

Harmonies

Analogous

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



162.6400, 43.0685, -0.5613



163.9320, 23.6975, 52.6796



159.7450, 0.6187, 81.7846

Triad

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



163.9320, 23.6975, 52.6796



153.4300, -52.4700, 29.4409



132.0620, 38.9164, -115.8184

Complementary

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



163.9320, 23.6975, 52.6796



184.0680, -23.6975, -52.6796

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.



126.7210, 15.9135, -111.1343



163.9320, 23.6975, 52.6796



148.2120, -42.0095, -12.4639

Square

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



163.9320, 23.6975, 52.6796



156.9300, -43.8425, 62.3284



135.6730, -14.6288, -68.1192



132.9860, 57.6879, -116.6287

Rectangle

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



163.9320, 23.6975, 52.6796



158.1140, -15.8322, 84.9690



135.6730, -14.6288, -68.1192



130.8250, 31.6383, -114.7335

Sweetspot

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



163.9320, 23.6975, 52.6796



235.1730, 7.8027, 17.3883



138.9880, 41.9109, -2.6205



115.3310, 4.7668, 11.1107



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.



163.9320, 23.6975, 52.6796



172.0560, 32.5104, 72.7419



158.2320, 1.8576, 57.6785



105.4290, 2.7465, 5.7628



70.2940, 41.7601, 92.7042



19.2540, 11.7068, 25.2102

Inverse Universe

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



163.9320, 23.6975, 52.6796



172.0560, 32.5104, 72.7419



189.7680, -1.8576, -57.6785



105.4290, 2.7465, 5.7628



70.2940, 41.7601, 92.7042



19.2540, 11.7068, 25.2102

Previews

White Background



This preview shows how the YUV color 163.9320, 23.6975, 52.6796 looks on a white background.

Color Contrast Check

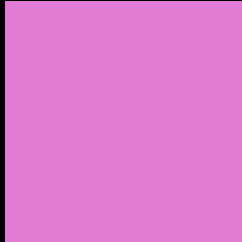
Large Text (above 18pt) WCAG AA × Fail

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 163.9320, 23.6975, 52.6796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

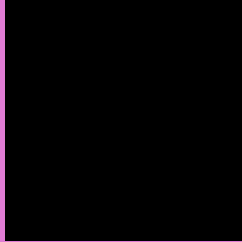
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.9320, 23.6975, 52.6796

Background



This preview shows how black text looks on a background with the YUV color 163.9320, 23.6975, 52.6796.



This preview shows how white text looks on a background with the YUV color 163.9320, 23.6975,

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

163.9320, 23.6975, 52.6796

Protanopia

159.6450, 38.6290, -23.3677

Deuteranopia

160.7920, 22.2875, -8.5876



Tritanopia

162.4620, -7.1298, 46.9528

Trichromacy



Original Color

163.9320, 23.6975, 52.6796



Protanomaly

161.4420, 33.3061, 3.9974



Deuteranomaly

162.0490, 22.6538, 13.9890



Tritanomaly

163.0460, 3.9213, 49.0717

Monochromacy



Original Color

163.9320, 23.6975, 52.6796



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

163.7110, 8.5235, 19.5475

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.9320, 23.6975, 52.6796 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(224, 124, 212)` looks like.

```
.text, #text, p{  
    color:rgb(224, 124, 212)  
}
```

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(224, 124, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 124, 212) }
```

Border

The CSS property to change the border of an element to YUV 163.9320, 23.6975, 52.6796 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(224, 124, 212) }
```


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

```
.border{ border-color:rgb(224, 124, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 124, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 124, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 124, 212);  
box-shadow:4px 4px 4px 4px rgb(224, 124,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 163.9320, 23.6975, 52.6796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 124, 212) }
```

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

```
.background{ background-color: rgb(224,  
124, 212) }
```

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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