

Converting Colors

YUV(160.2620, 9.7308, 52.3902)

Have a look what the booklet for
YUV(160.2620, 9.7308, 52.3902)
contains.

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Color

**YUV(160.2620, 9.7308,
52.3902)**

Conversions

Conversions Part 1

Format	Color
Hex	DC7EB4
RGB	220, 126, 180
RGB Percent	86%, 49%, 71%
CMY	0.1373, 0.5059, 0.2941
CMYK	0.00, 0.43, 0.18, 0.14
HSL	326°, 57%, 68%
HSV	326°, 43%, 86%
XYZ	45.2143, 33.4326, 47.2501
YIQ	160.2620, 38.6900, 36.7220

Conversions

Conversions Part 2

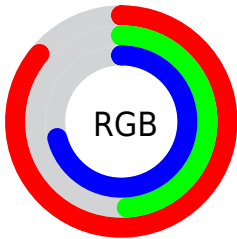
Format	Color
R_{YB}	220, 126, 180
Decimal	14450356
CIE _{Lab}	64.51, 43.29, -12.61
CIE _{LCh}	65, 45.090, 343.762
Yxy	33.4326, 0.3591, 0.2656
Android (android.graphics.Color)	4292640436 (0xFFDC7EB4)
YUV	160.2620, 9.7308, 52.3902
Hunter-Lab	57.8210, 38.3950, -7.9759

Details

The YUV color **160.2620, 9.7308, 52.3902** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **185.7380, -9.7308, -52.3902**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.3960, 13.1158, 39.9947**, and **106.6530, 10.0311, 49.4163** is the 20% darker color. If you saturate the color by 10%, you get **146.3220, 12.1663, 64.6156**, and if you desaturate by 10%, it is **174.2020, 7.2954, 40.1648**.

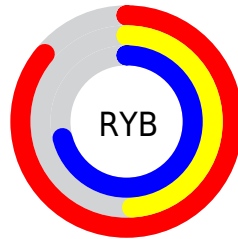
Distribution



Red (86%)

Green (49%)

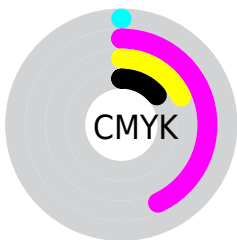
Blue (71%)



Red (86%)

Yellow (49%)

Blue (71%)

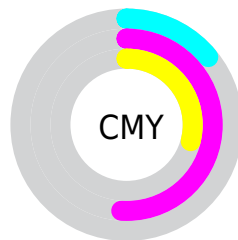


Cyan (0%)

Magenta (43%)

Yellow (18%)

Black (14%)



Cyan (14%)

Magenta (51%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.2620, 9.7308, 52.3902 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 160.2620, 9.7308, 52.3902 by changing the saturation by 10% instead.

160.2620, 9.7308,
52.3902

160.2620, 9.7308,
52.3902

255.0000, 0.0000,
0.0000

133.2510, 9.7363,
50.6459

209.3960, 13.1158,
39.9947

106.6530, 10.0311,
49.4163

227.9980, 13.3120,
23.6808

80.1690, 10.7627,
48.0868

244.4340, 5.2090,
9.2664

52.9240, 12.3625,
48.3017

30.7880, 11.9365,
44.9129

20.9190, 6.4489,
31.6430

10.5940, -0.7858,

18.7731

■ 0.0000, 0.0000,
0.0000

■ 160.2620, 9.7308,
52.3902

■ 160.2620, 9.7308,
52.3902

■ 146.3220, 12.1663,
64.6156

■ 174.2020, 7.2954,
40.1648

■ 132.2680, 14.1649,
76.9410

■ 188.2560, 5.2968,
27.8395

■ 118.3280, 16.6003,
89.1663

■ 202.1960, 2.8614,
15.6141

■ 104.3880, 19.0357,
101.3917

■ 216.1360, 0.4260,
3.3887

■ 90.3340, 21.0343,
113.7171

■ 230.1900, -1.5727,
-8.9366

■ 80.1440, 22.6070,
122.6537

■ 242.3690, -3.1399,
-19.6176

■ 243.5090, 1.2281,
-20.6174

■ 244.5350, 5.1592,
-21.5172

Harmonies

Analogous

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



161.1190, 26.5633, 20.0666



160.2620, 9.7308, 52.3902



157.7140, -9.2260, 66.0258

Triad

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



160.2620, 9.7308, 52.3902



151.2070, -37.5701, 10.3425



126.1920, 41.8103, -110.6704

Complementary

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



160.2620, 9.7308, 52.3902



185.7380, -9.7308, -52.3902

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.



123.7350, 24.7806, -108.5156



160.2620, 9.7308, 52.3902



146.0160, -24.6579, -24.5700

Square

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



160.2620, 9.7308, 52.3902



154.0950, -37.5148, 39.3817



135.2180, -1.0935, -69.4742



124.5910, 53.4456, -109.2663

Rectangle

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



160.2620, 9.7308, 52.3902



156.6030, -21.0033, 63.4922



135.2180, -1.0935, -69.4742



126.1120, 36.4268, -110.6002

Sweetspot

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



160.2620, 9.7308, 52.3902



234.0330, 3.4347, 18.3881



148.3770, 35.3101, 14.5784



114.6470, 2.1460, 11.7106



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.



160.2620, 9.7308, 52.3902



172.4200, 13.5969, 72.4227



155.0180, -10.3619, 56.9892



102.9730, 0.9993, 6.1627



63.1270, 18.1784, 96.3586



16.7180, 4.5760, 25.6803

Inverse Universe

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



160.2620, 9.7308, 52.3902



172.4200, 13.5969, 72.4227



190.9820, 10.3619, -56.9892



102.9730, 0.9993, 6.1627



63.1270, 18.1784, 96.3586



16.7180, 4.5760, 25.6803

Previews

White Background



This preview shows how the YUV color 160.2620, 9.7308, 52.3902 looks on a white background.

Color Contrast Check

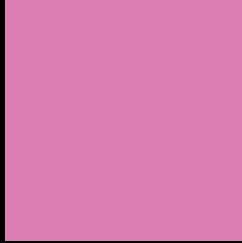
Large Text (above 18pt) WCAG AA × Fail

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 160.2620, 9.7308, 52.3902 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 160.2620, 9.7308, 52.3902

Background



This preview shows how black text looks on a background with the YUV color 160.2620, 9.7308, 52.3902.



This preview shows how white text looks on a background with the YUV color 160.2620, 9.7308,

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

160.2620, 9.7308, 52.3902

Protanopia

157.4390, 20.9826, -10.0320

Deuteranopia

158.4980, 8.1355, 3.9483



Tritanopia

158.9570, -7.8668, 50.0267

Trichromacy



Original Color

160.2620, 9.7308, 52.3902



Protanomaly

158.2570, 17.1283, 12.9296



Deuteranomaly

159.1350, 8.8074, 21.8066



Tritanomaly

158.9770, -1.4677, 50.8862

Monochromacy



Original Color

160.2620, 9.7308, 52.3902



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

160.3320, 3.2873, 19.0028

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.2620, 9.7308, 52.3902 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(220, 126, 180)` looks like.

```
.text, #text, p{  
    color:rgb(220, 126, 180)  
}
```

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(220, 126, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 126, 180) }
```

Border

The CSS property to change the border of an element to YUV 160.2620, 9.7308, 52.3902 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(220, 126, 180) }
```


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

```
.border{ border-color:rgb(220, 126, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 126, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 126, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 126, 180);  
box-shadow:4px 4px 4px 4px rgb(220, 126,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 160.2620, 9.7308, 52.3902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 126, 180) }
```

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

```
.background{ background-color: rgb(220,  
126, 180) }
```

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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