

Converting Colors

YUV(137.8350, 4.0253, 62.4117)

Have a look what the booklet for
YUV(137.8350, 4.0253, 62.4117)
contains.

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Color

**YUV(137.8350, 4.0253,
62.4117)**

Conversions

Conversions Part 1

Format	Color
Hex	D16492
RGB	209, 100, 146
RGB Percent	82%, 39%, 57%
CMY	0.1804, 0.6078, 0.4275
CMYK	0.00, 0.52, 0.30, 0.18
HSL	335°, 54%, 61%
HSV	335°, 52%, 82%
XYZ	36.0400, 24.7450, 30.0709
YIQ	137.8350, 50.1980, 37.4140

Conversions

Conversions Part 2

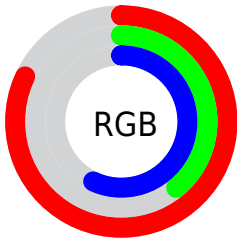
Format	Color
R _Y B	209, 100, 146
Decimal	13722770
CIE Lab	56.83, 47.99, -4.68
CIE LCh	57, 48.220, 354.428
Yxy	24.7450, 0.3967, 0.2724
Android (android.graphics.Color)	4291912850 (0xFFD16492)
YUV	137.8350, 4.0253, 62.4117
Hunter-Lab	49.7443, 42.2715, -1.0203

Details

The YUV color **137.8350, 4.0253, 62.4117** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **171.1650, -4.0253, -62.4117**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.4430, 5.2046, 57.4935**, and **83.0950, 6.3622, 59.5527** is the 20% darker color. If you saturate the color by 10%, you get **124.1400, 4.8610, 74.4222**, and if you desaturate by 10%, it is **151.5300, 3.1897, 50.4012**.

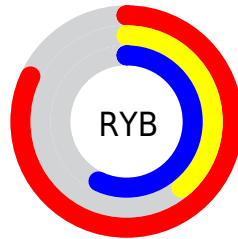
Distribution



Red (82%)

Green (39%)

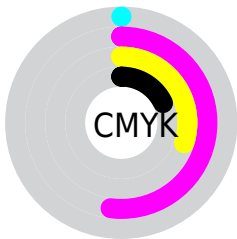
Blue (57%)



Red (82%)

Yellow (39%)

Blue (57%)

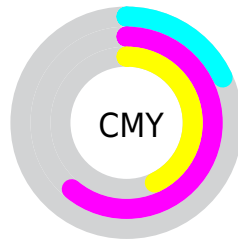


Cyan (0%)

Magenta (52%)

Yellow (30%)

Black (18%)



Cyan (18%)

Magenta (61%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YUV color 137.8350, 4.0253, 62.4117 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 137.8350, 4.0253, 62.4117 by changing the saturation by 10% instead.

 137.8350, 4.0253,
62.4117


 137.8350, 4.0253,
62.4117

255.0000, 0.0000,
0.0000


 110.3510, 4.7570,
61.0822

 189.4430, 5.2046,
57.4935


 83.0950, 6.3622,
59.5527

 209.0710, 9.3320,
40.2797


 53.5020, 9.1195,
61.8267

 228.5850, 13.0226,
23.1660

 34.4040, 7.6888,
54.0197

 245.6080, 4.6303,
8.2368

 23.9370, 2.4961,
39.5203

 13.9820, -5.9071,
28.0798

 0.0000, 0.0000,

0.0000

■ 137.8350, 4.0253,
62.4117

■ 137.8350, 4.0253,
62.4117

■ 124.1400, 4.8610,
74.4222

■ 151.5300, 3.1897,
50.4012

■ 110.4450, 5.6966,
86.4327

■ 165.2250, 2.3541,
38.3907

■ 96.7500, 6.5323,
98.4433

■ 178.9200, 1.5184,
26.3802

■ 83.0550, 7.3679,
110.4538

■ 192.6150, 0.6828,
14.3696

■ 72.5230, 7.6302,
119.6903

■ 206.3100, -0.1528,
2.3591

■ 219.4180, -0.6991,
-9.1366

■ 233.2270, -1.0979,
-21.2471

■ 239.8780, 1.5391,
-27.0800

■ 241.2460, 6.7807,
-28.2797

Harmonies

Analogous

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



140.1810, 22.5888, 34.9213



137.8350, 4.0253, 62.4117



135.4170, -15.4886, 68.0403

Triad

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



137.8350, 4.0253, 62.4117



128.4720, -36.2217, -2.1679



113.0670, 44.8300, -99.1598

Complementary

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



137.8350, 4.0253, 62.4117



171.1650, -4.0253, -62.4117

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.



111.5390, 28.8213, -97.8197



137.8350, 4.0253, 62.4117



121.3280, -17.9097, -42.3837

Square

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



137.8350, 4.0253, 62.4117



132.4160, -41.1241, 30.3302



106.6370, 10.0390, -93.5206



109.0210, 54.7126, -95.6114

Rectangle

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



137.8350, 4.0253, 62.4117



134.8710, -27.5444, 61.5031



106.6370, 10.0390, -93.5206



113.1010, 39.8832, -99.1896

Sweetspot

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



137.8350, 4.0253, 62.4117



228.1970, 1.3819, 23.5062



130.9640, 38.4717, 27.2186



111.6150, 0.6828, 14.3696



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.



137.8350, 4.0253, 62.4117



149.8910, 5.9697, 92.1806



136.7000, -18.0931, 63.4071



97.8590, 0.5625, 6.2627



58.3260, 6.2483, 96.1841



14.1970, 1.3819, 23.5062

Inverse Universe

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



137.8350, 4.0253, 62.4117



149.8910, 5.9697, 92.1806



172.3000, 18.0931, -63.4071



97.8590, 0.5625, 6.2627



58.3260, 6.2483, 96.1841



14.1970, 1.3819, 23.5062

Previews

White Background



This preview shows how the YUV color 137.8350, 4.0253, 62.4117 looks on a white background.

Color Contrast Check

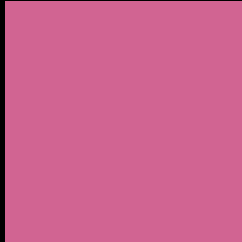
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.8350, 4.0253, 62.4117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

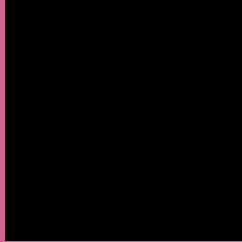
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.8350, 4.0253, 62.4117

Background



This preview shows how black text looks on a background with the YUV color 137.8350, 4.0253, 62.4117.



This preview shows how white text looks on a background with the YUV color 137.8350, 4.0253,

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

137.8350, 4.0253, 62.4117

Protanopia

137.6690, 15.4462, -7.6027

Deuteranopia

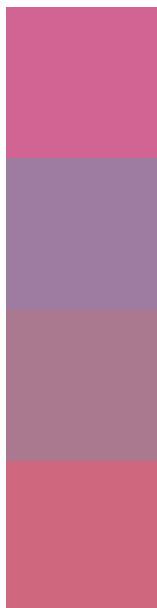
138.3970, 1.2833, 8.4218



Tritanopia

136.8120, -11.2463, 60.6779

Trichromacy



Original Color

137.8350, 4.0253, 62.4117

Protanomaly

137.7970, 11.4391, 17.7180

Deuteranomaly

138.1590, 2.3866, 27.9246

Tritanomaly

137.3050, -5.5734, 61.1225

Monochromacy



Original Color

137.8350, 4.0253, 62.4117

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.8980, 1.5293, 22.8915

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.8350, 4.0253, 62.4117 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(209, 100, 146)` looks like.

```
.text, #text, p{  
    color:rgb(209, 100, 146)  
}
```

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(209, 100, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 100, 146) }
```

Border

The CSS property to change the border of an element to YUV 137.8350, 4.0253, 62.4117 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(209, 100, 146) }
```


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

```
.border{ border-color:rgb(209, 100, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 100, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 100, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 100, 146);  
box-shadow:4px 4px 4px 4px rgb(209, 100,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 137.8350, 4.0253, 62.4117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 100, 146) }
```

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

```
.background{ background-color: rgb(209,  
100, 146) }
```

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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