

Converting Colors

YUV(137.4420, 10.1351,
62.7564)

Have a look what the booklet for
YUV(137.4420, 10.1351, 62.7564)
contains.

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Color

**YUV(137.4420, 10.1351,
62.7564)**

Conversions

Conversions Part 1

Format	Color
Hex	D1619E
RGB	209, 97, 158
RGB Percent	82%, 38%, 62%
CMY	0.1804, 0.6196, 0.3804
CMYK	0.00, 0.54, 0.24, 0.18
HSL	327°, 55%, 60%
HSV	327°, 54%, 82%
XYZ	36.7407, 24.5733, 35.1544
YIQ	137.4420, 47.1710, 42.7150

Conversions

Conversions Part 2

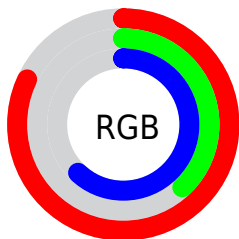
Format	Color
R _Y B	209, 97, 158
Decimal	13722014
CIE _{Lab}	56.66, 51.05, -11.93
CIE _{LCh}	57, 52.426, 346.842
Yxy	24.5733, 0.3809, 0.2547
Android (android.graphics.Color)	4291912094 (0xFFD1619E)
YUV	137.4420, 10.1351, 62.7564
Hunter-Lab	49.5715, 45.5482, -7.3464

Details

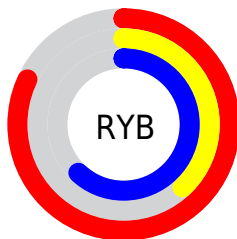
The YUV color **137.4420, 10.1351, 62.7564** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **168.5580, -10.1351, -62.7564**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.1640, 11.7511, 57.7382**, and **82.3000, 12.1771, 61.1269** is the 20% darker color. If you saturate the color by 10%, you get **123.9750, 11.8443, 74.5669**, and if you desaturate by 10%, it is **150.9090, 8.4259, 50.9458**.

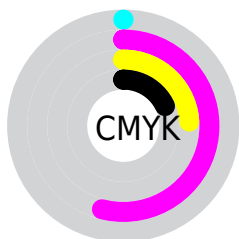
Distribution



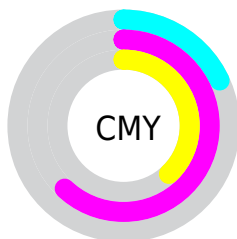
- Red (82%)
- Green (38%)
- Blue (62%)



- Red (82%)
- Yellow (38%)
- Blue (62%)



- Cyan (0%)
- Magenta (54%)
- Yellow (24%)
- Black (18%)




- Cyan (18%)
- Magenta (62%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 137.4420, 10.1351, 62.7564 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 137.4420, 10.1351, 62.7564 by changing the saturation by 10% instead.


 137.4420, 10.1351,
62.7564


 137.4420, 10.1351,
62.7564


255.0000, 0.0000,
0.0000


 109.9580, 10.8667,
61.4268


 189.1640, 11.7511,
57.7382


 82.3000, 12.1771,
61.1269


 208.7920, 15.8785,
40.5244

 48.7720, 16.3814,
65.9750

 227.4110, 13.6014,
24.1956

 35.4300, 11.6200,
53.1199

 244.4340, 5.2090,
9.2664

 25.2620, 6.2798,
39.2352

 15.5780, 0.2080,
26.6801

 0.0000, 0.0000,

0.0000

■ 137.4420, 10.1351,
62.7564

■ 137.4420, 10.1351,
62.7564

■ 123.9750, 11.8443,
74.5669

■ 150.9090, 8.4259,
50.9458

■ 110.6220, 13.9904,
86.2775

■ 164.2620, 6.2798,
39.2352

■ 97.1550, 15.6996,
98.0881

■ 177.7290, 4.5706,
27.4247

■ 83.8020, 17.8456,
109.7986

■ 191.0820, 2.4246,
15.7141

■ 75.4870, 18.9869,
117.0909

■ 204.5490, 0.7153,
3.9035

■ 217.3150, -1.1413,
-7.2923

■ 230.7820, -2.8505,
-19.1028

■ 238.8520, -2.3920,
-26.1802

■ 239.9920, 1.9759,
-27.1800

Harmonies

Analogous

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



140.1460, 29.0150, 27.0590



137.4420, 10.1351, 62.7564



134.3130, -11.0003, 75.1475

Triad

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



137.4420, 10.1351, 62.7564



128.1050, -42.9428, 6.9239



114.0130, 43.3776, -99.9894

Complementary

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



137.4420, 10.1351, 62.7564



168.5580, -10.1351, -62.7564

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.



111.1000, 24.6007, -97.4347



137.4420, 10.1351, 62.7564



122.0210, -25.6464, -34.2214

Square

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



137.4420, 10.1351, 62.7564



131.6730, -44.2088, 39.7518



105.1550, 4.3606, -92.2209



111.9390, 55.7391, -98.1705

Rectangle

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



137.4420, 10.1351, 62.7564



134.0230, -24.6613, 70.1398



105.1550, 4.3606, -92.2209



113.8190, 37.5572, -99.8193

Sweetspot

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



137.4420, 10.1351, 62.7564



228.7670, 3.5659, 23.0063



124.7180, 41.5510, 19.5413



111.9570, 1.9932, 14.0697



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.



137.4420, 10.1351, 62.7564



150.8830, 14.8477, 91.3106



131.1720, -13.8888, 68.2552



97.9730, 0.9993, 6.1627



60.7200, 15.4210, 94.0846



14.7670, 3.5659, 23.0063

Inverse Universe

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



137.4420, 10.1351, 62.7564



150.8830, 14.8477, 91.3106



174.8280, 13.8888, -68.2552



97.9730, 0.9993, 6.1627



60.7200, 15.4210, 94.0846



14.7670, 3.5659, 23.0063

Previews

White Background



This preview shows how the YUV color 137.4420, 10.1351, 62.7564 looks on a white background.

Color Contrast Check

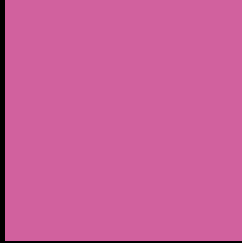
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.4420, 10.1351, 62.7564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

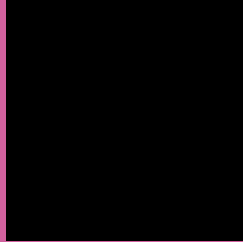
Any Text WCAG AA ✓ Pass

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 137.4420, 10.1351, 62.7564 Background



This preview shows how black text looks on a background with the YUV color 137.4420, 10.1351, 62.7564.



This preview shows how white text looks on a background with the YUV color 137.4420, 10.1351,

62.7564.

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

137.4420, 10.1351, 62.7564

Protanopia

136.6990, 23.3194, -12.8910

Deuteranopia

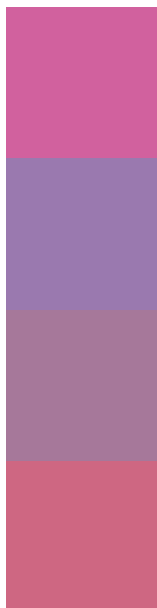
137.8570, 6.9725, 3.6334



Tritanopia

136.5130, -11.0989, 60.0631

Trichromacy



Original Color

137.4420, 10.1351, 62.7564

Protanomaly

137.0230, 18.7227, 14.8888

Deuteranomaly

137.6300, 8.0704, 24.8805

Tritanomaly

136.8750, -3.3894, 60.6226

Monochromacy



Original Color

137.4420, 10.1351, 62.7564

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.8810, 4.0027, 22.9064

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.4420, 10.1351, 62.7564 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, 97, 158)` looks like.

```
.text, #text, p{  
    color:rgb(209, 97, 158)  
}
```

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, 97, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 97, 158) }
```

Border

The CSS property to change the border of an element to YUV 137.4420, 10.1351, 62.7564 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, 97, 158) }
```


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

```
.border{ border-color:rgb(209, 97, 158) }
```

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

Here you see how a box with a 4 pixel rgb(209, 97, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 97, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 97, 158);  
box-shadow:4px 4px 4px 4px rgb(209, 97,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 137.4420, 10.1351, 62.7564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 97, 158) }
```

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

```
.background{ background-color: rgb(209, 97,  
158) }
```

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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