

Converting Colors

YUV(137.6380, 6.0945, 52.0605)

Have a look what the booklet for
YUV(137.6380, 6.0945, 52.0605)
contains.

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Color

**YUV(137.6380, 6.0945,
52.0605)**

Conversions

Conversions Part 1

Format	Color
Hex	C56996
RGB	197, 105, 150
RGB Percent	77%, 41%, 59%
CMY	0.2275, 0.5882, 0.4118
CMYK	0.00, 0.47, 0.24, 0.23
HSL	331°, 44%, 59%
HSV	331°, 47%, 77%
XYZ	33.5826, 24.1755, 31.7505
YIQ	137.6380, 40.3870, 33.4990

Conversions

Conversions Part 2

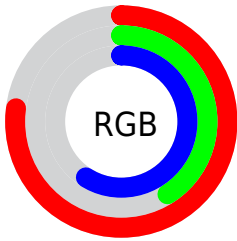
Format	Color
RYB	197, 105, 150
Decimal	12937622
CIELab	56.26, 42.00, -8.03
CIELCh	56, 42.760, 349.171
Yxy	24.1755, 0.3752, 0.2701
Android (android.graphics.Color)	4291127702 (0xFFC56996)
YUV	137.6380, 6.0945, 52.0605
Hunter-Lab	49.1686, 35.8721, -3.8684

Details

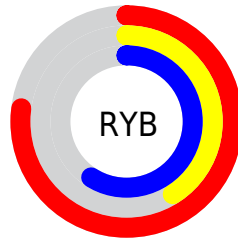
The YUV color $137.6380, 6.0945, 52.0605$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $164.3620, -6.0945, -52.0605$, and the grayscale version is $138.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $192.2470, 5.7942, 55.0344$, and $84.5560, 7.1209, 49.5014$ is the 20% darker color. If you saturate the color by 10%, you get $124.7580, 7.5143, 63.3562$, and if you desaturate by 10%, it is $150.5180, 4.6746, 40.7647$.

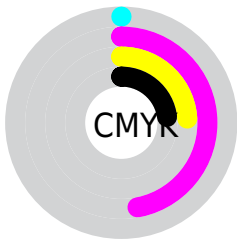
Distribution



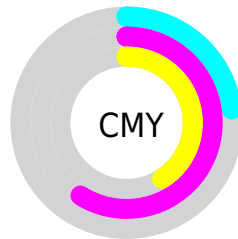
- Red (77%)
- Green (41%)
- Blue (59%)



- Red (77%)
- Yellow (41%)
- Blue (59%)



- Cyan (0%)
- Magenta (47%)
- Yellow (24%)
- Black (23%)



- Cyan (23%)
- Magenta (59%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.6380, 6.0945, 52.0605 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 137.6380, 6.0945, 52.0605 by changing the saturation by 10% instead.

 137.6380, 6.0945,
52.0605

 137.6380, 6.0945,
52.0605


255.0000, 0.0000,
0.0000


 111.0400, 6.3893,
50.8309


 192.2470, 5.7942,
55.0344


 84.5560, 7.1209,
49.5014

 211.8750, 9.9216,
37.8206


 58.4850, 8.1419,
48.6867

 230.9330, 11.8650,
21.1068

 32.0550, 10.3259,
48.1868

 247.9560, 3.4727,
6.1776

 21.8870, 4.9857,
34.3021

 12.2310, -3.5649,
23.4764

 0.0000, 0.0000,

0.0000

■ 137.6380, 6.0945,
52.0605

■ 137.6380, 6.0945,
52.0605

■ 124.7580, 7.5143,
63.3562

■ 150.5180, 4.6746,
40.7647

■ 112.4650, 8.6448,
74.1372

■ 162.8110, 3.5442,
29.9838

■ 99.5850, 10.0646,
85.4330

■ 175.6910, 2.1243,
18.6880

■ 86.7050, 11.4844,
96.7287

■ 188.5710, 0.7045,
7.3922

■ 73.8250, 12.9043,
108.0245

■ 201.4510, -0.7153,
-3.9035

■ 69.8470, 12.8934,
111.5132

■ 213.7440, -1.8458,
-14.6845

■ 226.6240, -3.2656,
-25.9802

■ 234.9220, -1.9335,
-33.2576

■ 236.0620, 2.4344,
-34.2574

Harmonies

Analogous

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



139.3000, 22.0371, 25.1699



137.6380, 6.0945, 52.0605



135.6980, -11.6831, 60.7779

Triad

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



137.6380, 6.0945, 52.0605



129.0150, -33.0384, 3.4948



110.2970, 39.2936, -96.7305

Complementary

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



137.6380, 6.0945, 52.0605



164.3620, -6.0945, -52.0605

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.



108.4100, 24.4479, -95.0756



137.6380, 6.0945, 52.0605



123.9490, -19.6949, -29.7733

Square

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



137.6380, 6.0945, 52.0605



132.2080, -35.5985, 31.3896



106.4810, 6.6649, -84.6138



110.6430, 47.9970, -88.2639

Rectangle

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



137.6380, 6.0945, 52.0605



134.3310, -21.8552, 56.7147



106.4810, 6.6649, -84.6138



109.8580, 35.0730, -96.3455

Sweetspot

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



137.6380, 6.0945, 52.0605



231.8160, 2.5557, 20.3324



129.2420, 33.4047, 19.0818



113.7180, 1.1250, 12.5253



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.



137.6380, 6.0945, 52.0605



162.7370, 9.4967, 80.9147



132.5080, -13.5614, 56.5595



93.1470, 0.4205, 5.1331



57.8570, 10.9165, 92.2104



12.7020, 2.1189, 20.4323

Inverse Universe

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



137.6380, 6.0945, 52.0605



162.7370, 9.4967, 80.9147



169.4920, 13.5614, -56.5595



93.1470, 0.4205, 5.1331



57.8570, 10.9165, 92.2104



12.7020, 2.1189, 20.4323

Previews

White Background



This preview shows how the YUV color 137.6380, 6.0945, 52.0605 looks on a white background.

Color Contrast Check

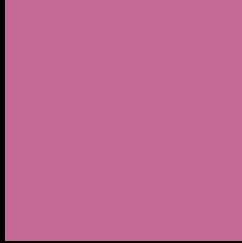
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.6380, 6.0945, 52.0605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

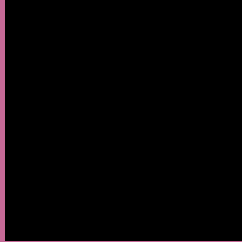
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.6380, 6.0945, 52.0605

Background



This preview shows how black text looks on a background with the YUV color 137.6380, 6.0945, 52.0605.



This preview shows how white text looks on a background with the YUV color 137.6380, 6.0945,

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

137.6380, 6.0945, 52.0605

Protanopia

135.8970, 16.3198, -7.8027

Deuteranopia

136.5970, 4.6357, 6.4924



Tritanopia

136.7290, -8.7404, 50.2267

Trichromacy



Original Color

137.6380, 6.0945, 52.0605



Protanomaly

136.1170, 12.7603, 13.9294



Deuteranomaly

137.1090, 4.8763, 22.7064



Tritanomaly

137.1080, -3.5042, 50.7713

Monochromacy



Original Color

137.6380, 6.0945, 52.0605



Achromatopsia

138.0000, 0.0000, 0.0000



Achromatomaly

137.6910, 2.1243, 18.6880

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.6380, 6.0945, 52.0605 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(197, 105, 150)` looks like.

```
.text, #text, p{  
    color:rgb(197, 105, 150)  
}
```

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(197, 105, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 105, 150) }
```

Border

The CSS property to change the border of an element to YUV 137.6380, 6.0945, 52.0605 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(197, 105, 150) }
```


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

```
.border{ border-color:rgb(197, 105, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 105, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 105, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 105, 150);  
box-shadow:4px 4px 4px 4px rgb(197, 105,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 137.6380, 6.0945, 52.0605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 105, 150) }
```

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

```
.background{ background-color: rgb(197,  
105, 150) }
```

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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