

Converting Colors

YUV(152.8580, 12.3950,
37.8355)

Have a look what the booklet for
YUV(152.8580, 12.3950, 37.8355)
contains.

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Color

**YUV(152.8580, 12.3950,
37.8355)**

Conversions

Conversions Part 1

Format	Color
Hex	C47EB2
RGB	196, 126, 178
RGB Percent	77%, 49%, 70%
CMY	0.2314, 0.5059, 0.3020
CMYK	0.00, 0.36, 0.09, 0.23
HSL	315°, 37%, 63%
HSV	315°, 36%, 77%
XYZ	38.2617, 29.8718, 45.8687
YIQ	152.8580, 25.0280, 31.0120

Conversions

Conversions Part 2

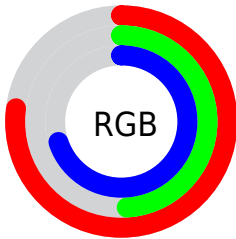
Format	Color
R _Y B	196, 126, 178
Decimal	12877490
CIE Lab	61.54, 34.95, -16.23
CIE LCh	62, 38.533, 335.086
Yxy	29.8718, 0.3356, 0.2620
Android (android.graphics.Color)	4291067570 (0xFFC47EB2)
YUV	152.8580, 12.3950, 37.8355
Hunter-Lab	54.6551, 29.3137, -11.4999

Details

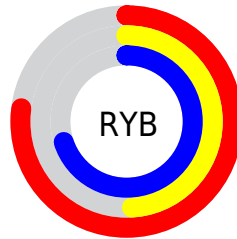
The YUV color **152.8580, 12.3950, 37.8355** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **169.1420, -12.3950, -37.8355**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.2820, 12.6790, 40.0947**, and **100.4340, 12.1110, 35.5764** is the 20% darker color. If you saturate the color by 10%, you get **140.5480, 15.9988, 48.6314**, and if you desaturate by 10%, it is **165.1680, 8.7912, 27.0397**.

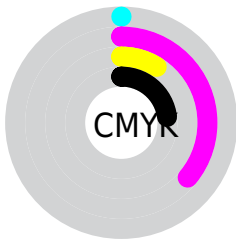
Distribution



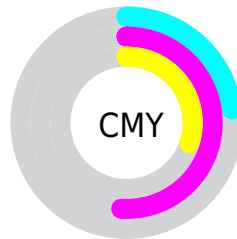
- Red (77%)
- Green (49%)
- Blue (70%)



- Red (77%)
- Yellow (49%)
- Blue (70%)



- Cyan (0%)
- Magenta (36%)
- Yellow (9%)
- Black (23%)



- Cyan (23%)
- Magenta (51%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.8580, 12.3950, 37.8355 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 152.8580, 12.3950, 37.8355 by changing the saturation by 10% instead.

■ 152.8580, 12.3950,
37.8355

■ 152.8580, 12.3950,
37.8355

255.0000, 0.0000,
0.0000

■ 126.1460, 12.2530,
36.7060

■ 208.2820, 12.6790,
40.0947

■ 100.4340, 12.1110,
35.5764

■ 227.4110, 13.6014,
24.1956

■ 75.7220, 11.9691,
34.4468

■ 243.8470, 5.4984,
9.7812

■ 50.5370, 12.5533,
33.7321

■ 25.1780, 13.7162,
34.0469

■ 16.5050, 7.6390,
23.2361

■ 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 152.8580, 12.3950,
37.8355

■ 152.8580, 12.3950,
37.8355

■ 140.5480, 15.9988,
48.6314

■ 165.1680, 8.7912,
27.0397

■ 128.8250, 19.3133,
58.9125

■ 176.8910, 5.4767,
16.7586

■ 116.5150, 22.9171,
69.7083

■ 189.2010, 1.8729,
5.9627

■ 104.7920, 26.2315,
79.9894

■ 200.9240, -1.4415,
-4.3183

■ 92.4820, 29.8354,
90.7853

■ 213.2340, -5.0454,
-15.1142

■ 80.1720, 33.4392,
101.5812

■ 225.5440, -8.6492,
-25.9101

■ 75.2480, 34.8807,
105.8995

■ 232.5710, -9.6485,
-32.0728

■ 233.1410, -7.4645,
-32.5727

■ 233.7110, -5.2805,
-33.0725

Harmonies

Analogous

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



152.1020, 25.5857, 6.9265



152.8580, 12.3950, 37.8355



151.1300, -3.5151, 54.2600

Triad

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



152.8580, 12.3950, 37.8355



145.8040, -32.9344, 16.8349



118.1730, 33.9317, -103.6377

Complementary

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



152.8580, 12.3950, 37.8355



169.1420, -12.3950, -37.8355

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.



119.4720, 17.0223, -93.3759



152.8580, 12.3950, 37.8355



141.3920, -24.8433, -11.7448

Square

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



152.8580, 12.3950, 37.8355



148.0440, -30.0947, 39.4264



135.2490, -8.0108, -44.0684



124.4380, 42.1821, -89.8381

Rectangle

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



152.8580, 12.3950, 37.8355



149.9810, -14.2876, 56.1447



135.2490, -8.0108, -44.0684



117.5060, 28.8375, -103.0528

Sweetspot

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



152.8580, 12.3950, 37.8355



237.7660, 5.0454, 15.1142



139.3620, 27.9225, 4.0675



117.4510, 2.7357, 9.2515



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.



152.8580, 12.3950, 37.8355



187.2380, 19.6027, 59.4273



148.9820, -2.4561, 41.2348



90.7880, 1.5835, 5.4479



61.7050, 28.2464, 87.0817



12.7170, 6.0555, 17.7882

Inverse Universe

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



152.8580, 12.3950, 37.8355



187.2380, 19.6027, 59.4273



173.1320, 2.8929, -41.3348



90.7880, 1.5835, 5.4479



61.7050, 28.2464, 87.0817



12.7170, 6.0555, 17.7882

Previews

White Background



This preview shows how the YUV color 152.8580, 12.3950, 37.8355 looks on a white background.

Color Contrast Check

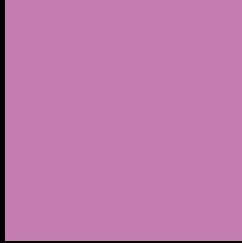
Large Text (above 18pt) WCAG AA ✓ Pass

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 152.8580, 12.3950, 37.8355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

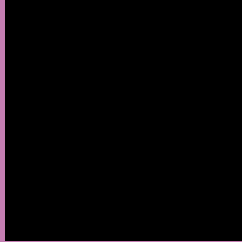
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 152.8580, 12.3950, 37.8355

Background



This preview shows how black text looks on a background with the YUV color 152.8580, 12.3950, 37.8355.



This preview shows how white text looks on a background with the YUV color 152.8580, 12.3950,

37.8355.

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

152.8580, 12.3950, 37.8355

Protanopia

149.2540, 21.5668, -10.7468

Deuteranopia

150.1000, 11.7827, 0.7893



Tritanopia

151.7810, -4.3290, 35.2721

Trichromacy



Original Color

152.8580, 12.3950, 37.8355

Protanomaly

150.2670, 18.6024, 6.7818

Deuteranomaly

150.8890, 11.8867, 14.1293

Tritanomaly

151.8010, 2.0701, 36.1315

Monochromacy



Original Color

152.8580, 12.3950, 37.8355

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.9400, 4.4666, 14.0846

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.8580, 12.3950, 37.8355 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(196, 126, 178)` looks like.

```
.text, #text, p{  
    color:rgb(196, 126, 178)  
}
```

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(196, 126, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 126, 178) }
```

Border

The CSS property to change the border of an element to YUV 152.8580, 12.3950, 37.8355 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(196, 126, 178) }
```


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

```
.border{ border-color:rgb(196, 126, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 126, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 126, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 126, 178);  
box-shadow:4px 4px 4px 4px rgb(196, 126,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 152.8580, 12.3950, 37.8355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 126, 178) }
```

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

```
.background{ background-color: rgb(196,  
126, 178) }
```

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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