

Converting Colors

YUV(152.9360, 37.4996,
12.3341)

Have a look what the booklet for
YUV(152.9360, 37.4996, 12.3341)
contains.

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Color

**YUV(152.9360, 37.4996,
12.3341)**

Conversions

Conversions Part 1

Format	Color
Hex	A783E5
RGB	167, 131, 229
RGB Percent	65%, 51%, 90%
CMY	0.3451, 0.4863, 0.1020
CMYK	0.27, 0.43, 0.00, 0.10
HSL	262°, 65%, 71%
HSV	262°, 43%, 90%
XYZ	38.1955, 30.1052, 77.9265
YIQ	152.9360, -10.0020, 38.1100

Conversions

Conversions Part 2

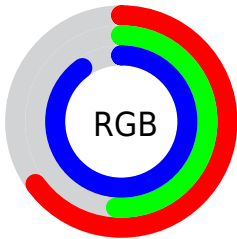
Format	Color
R _Y B	167, 131, 229
Decimal	10978277
CIE Lab	61.74, 33.87, -44.85
CIE LCh	62, 56.204, 307.053
Yxy	30.1052, 0.2612, 0.2059
Android (android.graphics.Color)	4289168357 (0xFFA783E5)
YUV	152.9360, 37.4996, 12.3341
Hunter-Lab	54.8682, 28.2401, -45.7987

Details

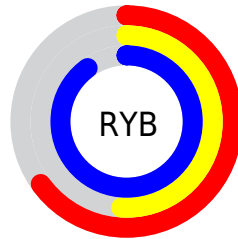
The YUV color **152.9360, 37.4996, 12.3341** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **207.0640, -37.4996, -12.3341**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.6410, 24.8270, 16.9778**, and **100.7570, 35.6158, 9.8601** is the 20% darker color. If you saturate the color by 10%, you get **135.2490, 46.2192, 15.5676**, and if you desaturate by 10%, it is **170.6230, 28.7799, 9.1006**.

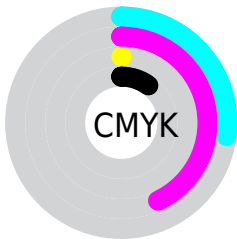
Distribution



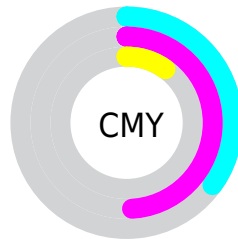
- Red (65%)
- Green (51%)
- Blue (90%)



- Red (65%)
- Yellow (51%)
- Blue (90%)



- Cyan (27%)
- Magenta (43%)
- Yellow (0%)
- Black (10%)





- Cyan (35%)
- Magenta (49%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 152.9360, 37.4996, 12.3341 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 152.9360, 37.4996, 12.3341 by changing the saturation by 10% instead.


 152.9360, 37.4996,
12.3341


 152.9360, 37.4996,
12.3341


255.0000, 0.0000,
0.0000

 126.1100, 36.9208,
11.3045


 204.6410, 24.8270,
16.9778


 100.7570, 35.6158,
9.8601


 229.1610, 12.7386,
20.9068

 75.8170, 34.6002,
8.9305

 246.7820, 4.0515,
7.2072

 51.2790, 33.8795,
6.7713

 27.1430, 33.4535,
3.3826

 8.8770, 30.1336,
-5.1541

 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 152.9360, 37.4996,
12.3341

■ 152.9360, 37.4996,
12.3341

■ 135.2490, 46.2192,
15.5676

■ 170.6230, 28.7799,
9.1006

■ 117.2630, 55.0863,
18.1863

■ 188.6090, 19.9128,
6.4819

■ 99.5760, 63.8060,
21.4198

■ 206.2960, 11.1931,
3.2484

■ 81.5900, 72.6731,
24.0386

■ 224.2820, 2.3260,
0.6297

■ 63.9030, 81.3928,
27.2721

■ 241.3820, -6.1043,
-2.0890

■ 51.2220, 87.6446,
28.7463

■ 251.7370,
-11.2093, 1.9847

■ 252.0360,
-11.3567, 2.5994

Harmonies

Analogous

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



137.5400, 54.4568, -60.1096



152.9360, 37.4996, 12.3341



152.1840, 18.1503, 58.5976

Triad

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



152.9360, 37.4996, 12.3341



145.6470, -44.6890, 53.8066



119.7910, 19.8230, -105.0567

Complementary

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



152.9360, 37.4996, 12.3341



207.0640, -37.4996, -12.3341

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.



114.7820, -3.3435, -94.5248



152.9360, 37.4996, 12.3341



142.0590, -49.8221, 20.1193

Square

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



152.9360, 37.4996, 12.3341



146.7850, -27.0090, 76.4876



136.5790, -35.2884, -21.5558



124.6760, 41.0787, -109.3409

Rectangle

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



152.9360, 37.4996, 12.3341



149.3960, 3.2558, 75.9517



136.5790, -35.2884, -21.5558



117.7390, 11.9607, -103.2571

Sweetspot

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



152.9360, 37.4996, 12.3341



229.3500, 12.6455, 4.0781



178.5660, 24.8640, -41.7154



111.7860, 7.9935, 2.8187



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.



152.9360, 37.4996, 12.3341



154.1720, 49.7082, 16.5122



167.5870, 30.2766, 42.4582



105.5640, 4.6519, 1.2594



40.1400, 68.4580, 22.6792



11.4950, 19.4760, 6.5819

Inverse Universe

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



167.3700, 12.6356, 54.0495



173.2180, 16.6545, 71.7228



192.4130, -30.2766, -42.4582



107.5000, 1.7255, 6.5775



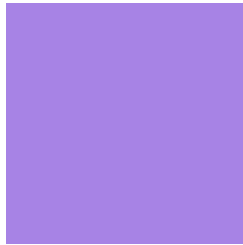
66.4030, 22.9723, 98.7476



18.8970, 6.4598, 28.1543

Previews

White Background



This preview shows how the YUV color 152.9360, 37.4996, 12.3341 looks on a white background.

Color Contrast Check

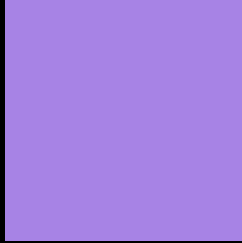
Large Text (above 18pt) WCAG AA × Fail

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 152.9360, 37.4996, 12.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

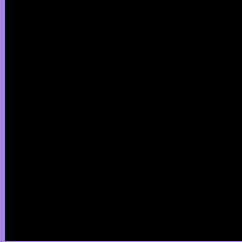
Any Text WCAG AA ✓ Pass

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 152.9360, 37.4996, 12.3341 Background



This preview shows how black text looks on a background with the YUV color 152.9360, 37.4996, 12.3341.



This preview shows how white text looks on a background with the YUV color 152.9360, 37.4996,

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

152.9360, 37.4996, 12.3341

Protanopia

146.4790, 47.0919, -31.1151

Deuteranopia

146.9000, 38.5033, -29.7303



Tritanopia

150.3470, 3.7729, 3.2037

Trichromacy



Original Color

152.9360, 37.4996, 12.3341



Protanomaly

148.9540, 43.4067, -15.7457



Deuteranomaly

148.8850, 38.0177, -13.9311



Tritanomaly

151.2840, 16.1290, 6.7669

Monochromacy



Original Color

152.9360, 37.4996, 12.3341



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

152.9910, 13.8084, 4.3929

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.9360, 37.4996, 12.3341 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(167, 131, 229)` looks like.

```
.text, #text, p{  
    color:rgb(167, 131, 229)  
}
```

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(167, 131, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 131, 229) }
```

Border

The CSS property to change the border of an element to YUV 152.9360, 37.4996, 12.3341 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(167, 131, 229) }
```


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

```
.border{ border-color:rgb(167, 131, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 131, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 131, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 131, 229);  
box-shadow:4px 4px 4px 4px rgb(167, 131,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 152.9360, 37.4996, 12.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 131, 229) }
```

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

```
.background{ background-color: rgb(167,  
131, 229) }
```

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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