

Converting Colors

YUV(97.5060, 36.2325, -1.3208)

Have a look what the booklet for
YUV(97.5060, 36.2325, -1.3208)
contains.

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Color

**YUV(97.5060, 36.2325,
-1.3208)**

Conversions

Conversions Part 1

Format	Color
Hex	6054AB
RGB	96, 84, 171
RGB Percent	38%, 33%, 67%
CMY	0.6235, 0.6706, 0.3294
CMYK	0.44, 0.51, 0.00, 0.33
HSL	248°, 34%, 50%
HSV	248°, 51%, 67%
XYZ	15.3449, 11.7677, 39.9907
YIQ	97.5060, -20.7750, 29.6010

Conversions

Conversions Part 2

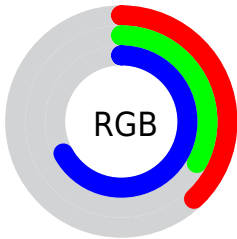
Format	Color
R _Y B	96, 84, 171
Decimal	6313131
CIE Lab	40.84, 27.24, -45.22
CIE LCh	41, 52.790, 301.061
Yxy	11.7677, 0.2287, 0.1754
Android (android.graphics.Color)	4284503211 (0xFF6054AB)
YUV	97.5060, 36.2325, -1.3208
Hunter-Lab	34.3041, 19.8143, -45.1056

Details

The YUV color **97.5060, 36.2325, -1.3208** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **157.4940, -36.2325, 1.3208**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6850, 38.1163, 1.1533**, and **48.6040, 34.2122, -6.6687** is the 20% darker color. If you saturate the color by 10%, you get **83.0420, 43.3633, -1.7908**, and if you desaturate by 10%, it is **111.9700, 29.1018, -0.8507**.

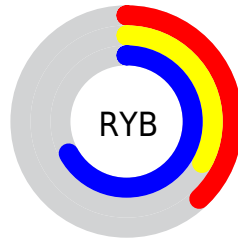
Distribution



Red (38%)

Green (33%)

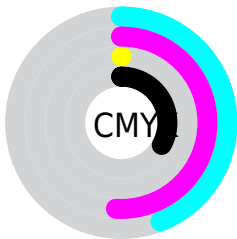
Blue (67%)



Red (38%)

Yellow (33%)

Blue (67%)

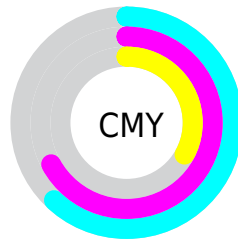


Cyan (44%)

Magenta (51%)

Yellow (0%)

Black (33%)



Cyan (62%)

Magenta (67%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.5060, 36.2325, -1.3208 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 97.5060, 36.2325, -1.3208 by changing the saturation by 10% instead.

■ 97.5060, 36.2325,
-1.3208

■ 97.5060, 36.2325,
-1.3208

■ 255.0000, 0.0000,
0.0000

■ 72.8540, 35.0750,
-3.3800

■ 149.6850, 38.1163,
1.1533

■ 48.6040, 34.2122,
-6.6687

■ 176.2120, 38.8425,
1.5681

■ 22.0650, 34.9710,
-16.7200

■ 200.7320, 26.7541,
5.4970

■ 7.8660, 30.1391,
-6.8985

■ 225.8390, 14.3764,
8.9112

■ 6.8910, 18.7877,
-6.0434

■ 247.9560, 3.4727,
6.1776

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,

0.0000

■ 97.5060, 36.2325,
-1.3208

■ 97.5060, 36.2325,
-1.3208

■ 83.0420, 43.3633,
-1.7908

■ 111.9700, 29.1018,
-0.8507

■ 68.8770, 50.3466,
-1.6461

■ 126.1350, 22.1184,
-0.9954

■ 54.4130, 57.4774,
-2.1162

■ 140.5990, 14.9877,
-0.5253

■ 39.9490, 64.6081,
-2.5863

■ 155.0630, 7.8569,
-0.0553

■ 26.6700, 71.1547,
-2.3416

■ 169.5270, 0.7262,
0.4148

■ 184.2790, -6.5465,
-0.2447

■ 198.7430,
-13.6773, 0.2254

■ 213.2070,
-20.8081, 0.6955

■ 227.6710,
-27.9388, 1.1655

Harmonies

Analogous

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



80.1490, 50.7055, -70.2907



97.5060, 36.2325, -1.3208



97.3780, 20.5196, 45.2725

Triad

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



97.5060, 36.2325, -1.3208



91.6340, -38.2736, 49.4330



79.1500, 8.8000, -69.4146

Complementary

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



97.5060, 36.2325, -1.3208



157.4940, -36.2325, 1.3208

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.



72.2590, -9.9877, -63.3711



97.5060, 36.2325, -1.3208



90.1500, -44.4439, 21.7935

Square

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



97.5060, 36.2325, -1.3208



90.7330, -18.1094, 68.6402



84.0210, -38.9574, -11.4194



84.0520, 27.5824, -73.7136

Rectangle

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



97.5060, 36.2325, -1.3208



93.1110, 8.8193, 64.8007



84.0210, -38.9574, -11.4194



76.7390, 2.1007, -67.3001

Sweetspot

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



97.5060, 36.2325, -1.3208



193.9580, 13.8247, -0.8402



137.9430, 16.2971, -47.3080



95.1770, 8.2937, -0.1552



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.5060, 36.2325, -1.3208



107.7720, 56.3144, -2.4310



110.3630, 29.8940, 25.1146



79.3250, 3.7838, -0.2850



23.3790, 62.4242, -2.0864



3.5190, 9.6041, -0.4552

Inverse Universe

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



118.5630, 19.9354, 45.9872



140.5890, 30.7686, 71.3974



144.6370, -29.8940, -25.1146



81.6030, 2.1677, 4.7332



59.6700, 34.6727, 79.2194



9.1570, 5.3456, 12.1403

Previews

White Background



This preview shows how the YUV color 97.5060, 36.2325, -1.3208 looks on a white 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

Black Background



This preview shows how the YUV color 97.5060, 36.2325, -1.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

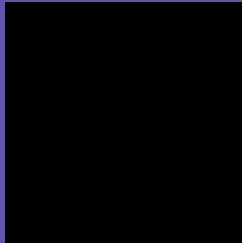
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.5060, 36.2325, -1.3208

Background



This preview shows how black text looks on a background with the YUV color 97.5060, 36.2325, -1.3208.



This preview shows how white text looks on a background with the YUV color 97.5060, 36.2325, -1.3208.

-1.3208.

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

97.5060, 36.2325, -1.3208

Protanopia

90.1750, 44.7767, -35.2335

Deuteranopia

87.7410, 39.5677, -44.4999



Tritanopia

94.2310, 6.2951, -12.4806

Trichromacy



Original Color

97.5060, 36.2325, -1.3208

Protanomaly

93.0410, 41.3918, -22.8380

Deuteranomaly

91.1990, 38.3559, -29.1155

Tritanomaly

95.7120, 16.9040, -8.5174

Monochromacy



Original Color

97.5060, 36.2325, -1.3208

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.8440, 13.3879, -0.7402

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.5060, 36.2325, -1.3208 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(96, 84, 171)` looks like.

```
.text, #text, p{  
    color:rgb(96, 84, 171)  
}
```

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(96, 84, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 84, 171) }
```

Border

The CSS property to change the border of an element to YUV 97.5060, 36.2325, -1.3208 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(96, 84, 171) }
```


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

```
.border{ border-color:rgb(96, 84, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 84, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 84, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 84, 171);  
box-shadow:4px 4px 4px 4px rgb(96, 84,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 97.5060, 36.2325, -1.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 84, 171) }
```

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

```
.background{ background-color: rgb(96, 84,  
171) }
```

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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