

Converting Colors

YUV(173.6420, 36.6585, 2.0680)

Have a look what the booklet for
YUV(173.6420, 36.6585, 2.0680)
contains.

YUV(173.6420, 36.6585, 2.0680)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(173.6420, 36.6585,
2.0680)**

Conversions

Conversions Part 1

Format	Color
Hex	B09EF8
RGB	176, 158, 248
RGB Percent	69%, 62%, 97%
CMY	0.3098, 0.3804, 0.0275
CMYK	0.29, 0.36, 0.00, 0.03
HSL	252°, 87%, 80%
HSV	252°, 36%, 97%
XYZ	47.0746, 40.4611, 94.1356
YIQ	173.6420, -18.1620, 31.8060

Conversions

Conversions Part 2

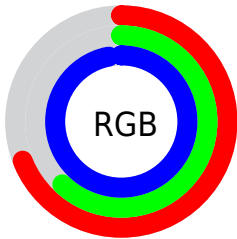
Format	Color
R _Y B	176, 158, 248
Decimal	11575032
CIE Lab	69.80, 25.78, -42.60
CIE LCh	70, 49.798, 301.182
Yxy	40.4611, 0.2591, 0.2227
Android (android.graphics.Color)	4289765112 (0xFFB09EF8)
YUV	173.6420, 36.6585, 2.0680
Hunter-Lab	63.6091, 20.7851, -43.2174

Details

The YUV color $173.6420, 36.6585, 2.0680$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $232.3580, -36.6585, -2.0680$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $223.7680, 15.3974, 8.0965$, and $120.7620, 34.6273, 0.2087$ is the 20% darker color. If you saturate the color by 10%, you get $152.9870, 46.8414, 2.6424$, and if you desaturate by 10%, it is $194.2970, 26.4756, 1.4935$.

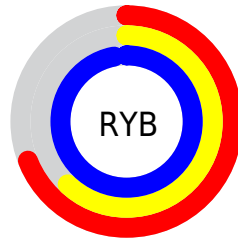
Distribution



Red (69%)

Green (62%)

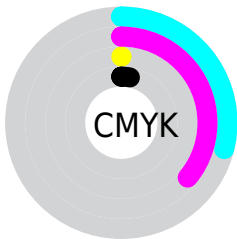
Blue (97%)



Red (69%)

Yellow (62%)

Blue (97%)

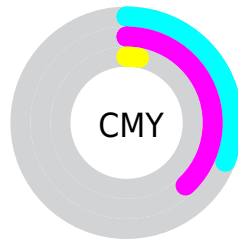


Cyan (29%)

Magenta (36%)

Yellow (0%)

Black (3%)



Cyan (31%)

Magenta (38%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.6420, 36.6585, 2.0680 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 173.6420, 36.6585, 2.0680 by changing the saturation by 10% instead.

■ 173.6420, 36.6585,
2.0680

■ 173.6420, 36.6585,
2.0680

■ 255.0000, 0.0000,
0.0000

■ 146.7020, 35.6429,
1.1383

■ 223.7680, 15.3974,
8.0965

■ 120.7620, 34.6273,
0.2087

■ 246.7820, 4.0515,
7.2072

■ 94.9360, 34.0486,
-0.8209

■ 70.5830, 32.7436,
-2.2653

■ 46.3330, 31.8808,
-5.5540

■ 21.2780, 31.9079,
-14.2758

■ 7.1820, 27.5183,

-6.2986

■ 6.3210, 16.6037,
-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 173.6420, 36.6585,
2.0680

■ 173.6420, 36.6585,
2.0680

■ 152.9870, 46.8414,
2.6424

■ 194.2970, 26.4756,
1.4935

■ 132.3320, 57.0243,
3.2168

■ 214.9520, 16.2927,
0.9191

■ 112.2640, 66.9178,
3.2765

■ 235.0200, 6.3991,
0.8595

■ 91.9080, 76.9534,
4.4657

■ 254.2020, -3.0576,
0.6998

■ 71.2530, 87.1363,
5.0401

■ 50.5980, 97.3192,
5.6146

■ 43.2220, 100.9556,
5.9443

Harmonies

Analogous

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



159.6020, 47.0312, -58.4100



173.6420, 36.6585, 2.0680



175.4490, 19.4986, 46.0872

Triad

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



173.6420, 36.6585, 2.0680



169.0800, -38.0004, 55.1808



132.7850, 18.8400, -116.4524

Complementary

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



173.6420, 36.6585, 2.0680



232.3580, -36.6585, -2.0680

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.



152.9890, -13.7986, -54.3644



173.6420, 36.6585, 2.0680



166.5850, -44.1654, 25.7970

Square

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



173.6420, 36.6585, 2.0680



171.0170, -22.1934, 71.8991



161.6450, -35.3210, -11.0897



137.9150, 38.4959, -120.9515

Rectangle

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



173.6420, 36.6585, 2.0680



174.0140, 5.9091, 64.8857



161.6450, -35.3210, -11.0897



133.6520, 10.5246, -109.3198

Sweetspot

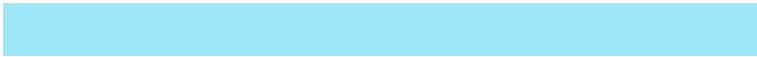
The Sweet Spot groups the original color and five complimentary colors.



173.6420, 36.6585, 2.0680



231.9860, 11.3459, 0.8893



210.5240, 18.4757, -46.0635



113.8350, 6.9833, 0.1447



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.



173.6420, 36.6585, 2.0680



162.3460, 45.6784, 2.3276



187.0970, 30.0252, 29.7329



114.3790, 5.2362, 0.5446



32.9080, 76.9534, 4.4657



10.5420, 24.8758, 1.2787

Inverse Universe

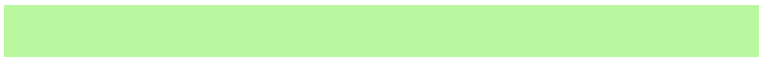
The Inverse Universe completely reimagines the original color for something new.



193.1180, 18.1828, 48.1315



186.7480, 22.8022, 59.8570



218.9030, -30.0252, -29.7329



117.0270, 2.4517, 6.9923



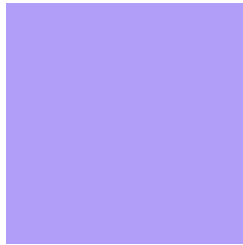
73.7250, 38.0966, 101.0962



23.8250, 12.4113, 32.6025

Previews

White Background



This preview shows how the YUV color 173.6420, 36.6585, 2.0680 looks on a white background.

Color Contrast Check

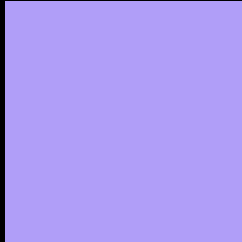
Large Text (above 18pt) WCAG AA × Fail

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 173.6420, 36.6585, 2.0680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

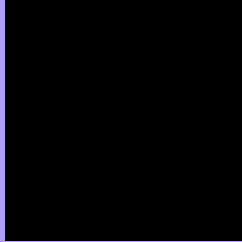
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.6420, 36.6585, 2.0680

Background



This preview shows how black text looks on a background with the YUV color 173.6420, 36.6585, 2.0680.



This preview shows how white text looks on a background with the YUV color 173.6420, 36.6585,

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

173.6420, 36.6585, 2.0680

Protanopia

169.5460, 42.1288, -25.9118

Deuteranopia

169.4060, 37.7608, -24.9121



Tritanopia

170.2040, 7.2944, -6.3179

Trichromacy



Original Color

173.6420, 36.6585, 2.0680

Protanomaly

170.7430, 40.0597, -15.5606

Deuteranomaly

171.0590, 37.4389, -14.9607

Tritanomaly

171.3860, 18.0507, -2.9695

Monochromacy



Original Color

173.6420, 36.6585, 2.0680

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.8550, 13.3825, 1.0042

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.6420, 36.6585, 2.0680 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(176, 158, 248)` looks like.

```
.text, #text, p{  
    color:rgb(176, 158, 248)  
}
```

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(176, 158, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 158, 248) }
```

Border

The CSS property to change the border of an element to YUV 173.6420, 36.6585, 2.0680 is called "border". The border property can be set on classes, ids or directly on the HTML element.

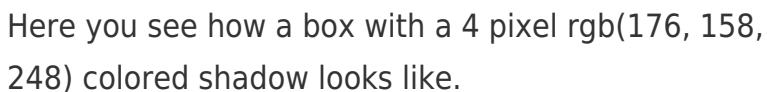
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 158, 248) }
```


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

```
.border{ border-color:rgb(176, 158, 248) }
```

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



Here you see how a box with a 4 pixel rgb(176, 158, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 158, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 158, 248); box-shadow:4px 4px 4px 4px rgb(176, 158, 248) }
```

Background

The CSS property to change the background color of an element to YUV 173.6420, 36.6585, 2.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 158, 248) }
```

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

```
.background{ background-color: rgb(176,  
158, 248) }
```

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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