

Converting Colors

YUV(174.3760, 33.3386,
-6.4688)

Have a look what the booklet for
YUV(174.3760, 33.3386, -6.4688)
contains.

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Color

**YUV(174.3760, 33.3386,
-6.4688)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A5F2
RGB	167, 165, 242
RGB Percent	65%, 65%, 95%
CMY	0.3451, 0.3529, 0.0510
CMYK	0.31, 0.32, 0.00, 0.05
HSL	242°, 75%, 80%
HSV	242°, 32%, 95%
XYZ	45.4185, 41.5366, 89.6279
YIQ	174.3760, -23.5250, 24.3710

Conversions

Conversions Part 2

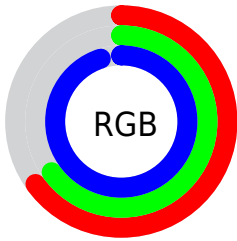
Format	Color
R _Y B	167, 165, 242
Decimal	10986994
CIE Lab	70.55, 17.84, -38.21
CIE LCh	71, 42.173, 295.027
Yxy	41.5366, 0.2572, 0.2352
Android (android.graphics.Color)	4289177074 (0xFFA7A5F2)
YUV	174.3760, 33.3386, -6.4688
Hunter-Lab	64.4489, 13.0073, -37.3394

Details

The YUV color **174.3760, 33.3386, -6.4688** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **232.6240, -33.3386, 6.4688**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.1860, 14.6983, -1.0401**, and **121.3220, 31.8863, -7.2984** is the 20% darker color. If you saturate the color by 10%, you get **153.1120, 43.8218, -8.8682**, and if you desaturate by 10%, it is **195.6400, 22.8555, -4.0693**.

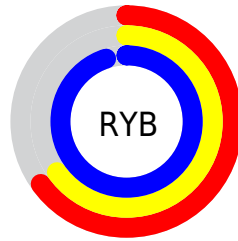
Distribution



Red (65%)

Green (65%)

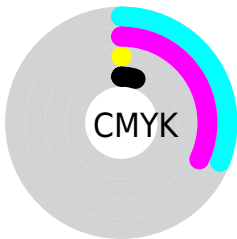
Blue (95%)



Red (65%)

Yellow (65%)

Blue (95%)

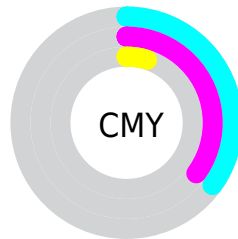


Cyan (31%)

Magenta (32%)

Yellow (0%)

Black (5%)



Cyan (35%)

Magenta (35%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.3760, 33.3386, -6.4688 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 174.3760, 33.3386, -6.4688 by changing the saturation by 10% instead.

■ 174.3760, 33.3386,
-6.4688

■ 174.3760, 33.3386,
-6.4688

255.0000, 0.0000,
0.0000

■ 147.7350, 32.1756,
-6.7836

■ 225.1860, 14.6983,
-1.0401

■ 121.3220, 31.8863,
-7.2984

■ 250.2930, 2.3206,
2.3740

■ 95.9690, 30.5813,
-8.7428

■ 71.7300, 29.7131,
-10.2872

■ 47.4800, 28.8504,
-13.5760

■ 22.8490, 29.1614,
-20.0386

■ 6.6120, 25.3343,

-5.7987

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 174.3760, 33.3386,
-6.4688

■ 174.3760, 33.3386,
-6.4688

■ 153.1120, 43.8218,
-8.8682

■ 195.6400, 22.8555,
-4.0693

■ 132.1470, 54.1575,
-10.6529

■ 216.6050, 12.5197,
-2.2846

■ 110.2960, 64.9301,
-12.5376

■ 238.4560, 1.7472,
-0.3999

■ 89.3310, 75.2658,
-14.3223

■ 253.5180, -5.6784,
1.2997

■ 68.0670, 85.7490,
-16.7218

■ 47.1020, 96.0847,
-18.5065

■ 29.3820, 104.8207,
-20.5060

Harmonies

Analogous

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



162.9570, 41.9262, -54.3363



174.3760, 33.3386, -6.4688



177.6600, 19.3946, 32.7472

Triad

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



174.3760, 33.3386, -6.4688



173.0070, -30.5695, 51.7369



149.7530, 7.5168, -77.8364

Complementary

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



174.3760, 33.3386, -6.4688



232.6240, -33.3386, 6.4688

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.



160.4150, -16.4736, -36.3210



174.3760, 33.3386, -6.4688



170.1430, -37.0455, 28.8156

Square

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



174.3760, 33.3386, -6.4688



174.2700, -15.9091, 62.9072



166.2100, -32.1485, -1.9382



135.9600, 33.5437, -119.2369

Rectangle

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



174.3760, 33.3386, -6.4688



176.7950, 7.9891, 51.0458



166.2100, -32.1485, -1.9382



154.1480, -1.5520, -62.3968

Sweetspot

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



174.3760, 33.3386, -6.4688



232.8500, 10.9200, -2.4994



218.3900, 11.6397, -46.8230



114.1230, 6.8414, -0.9849



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.



174.3760, 33.3386, -6.4688



169.9550, 41.9272, -7.8535



185.7380, 27.7372, 16.8928



109.3680, 5.2416, -1.1997



22.4710, 79.6338, -15.3221



6.6830, 24.3133, -4.9840

Inverse Universe

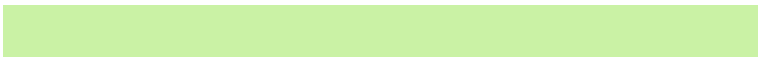
The Inverse Universe completely reimagines the original color for something new.



196.5730, 21.4095, 39.8395



197.7190, 26.7605, 50.2354



221.2620, -27.7372, -16.8928



112.9560, 3.4727, 6.1776



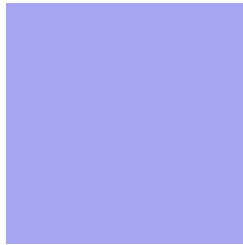
75.4220, 51.0640, 95.2229



23.0140, 15.7691, 28.9287

Previews

White Background



This preview shows how the YUV color 174.3760, 33.3386, -6.4688 looks on a white background.

Color Contrast Check

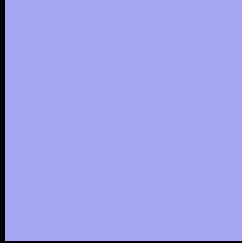
Large Text (above 18pt) WCAG AA × Fail

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 174.3760, 33.3386, -6.4688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

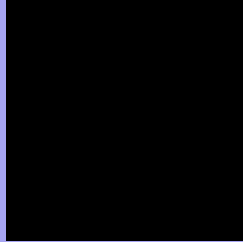
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.3760, 33.3386, -6.4688

Background



This preview shows how black text looks on a background with the YUV color 174.3760, 33.3386, -6.4688.



This preview shows how white text looks on a background with the YUV color 174.3760, 33.3386, -6.4688.

-6.4688.

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

174.3760, 33.3386, -6.4688

Protanopia

172.0860, 36.4396, -21.1234

Deuteranopia

171.8150, 34.1082, -20.0088



Tritanopia

170.9150, 8.9159, -13.0805

Trichromacy



Original Color

174.3760, 33.3386, -6.4688

Protanomaly

172.8910, 35.5497, -15.6904

Deuteranomaly

172.7340, 33.6551, -14.6757

Tritanomaly

171.9290, 17.7830, -10.4617

Monochromacy



Original Color

174.3760, 33.3386, -6.4688

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.1920, 12.2303, -2.7994

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.3760, 33.3386, -6.4688 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, 165, 242)` looks like.

```
.text, #text, p{  
    color:rgb(167, 165, 242)  
}
```

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, 165, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 165, 242) }
```

Border

The CSS property to change the border of an element to YUV 174.3760, 33.3386, -6.4688 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, 165, 242) }
```


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

```
.border{ border-color:rgb(167, 165, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 165, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 165, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 165, 242);  
box-shadow:4px 4px 4px 4px rgb(167, 165,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 174.3760, 33.3386, -6.4688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 165, 242) }
```

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

```
.background{ background-color: rgb(167,  
165, 242) }
```

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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