

Converting Colors

YUV(165.3210, 36.8167,
-2.0355)

Have a look what the booklet for
YUV(165.3210, 36.8167, -2.0355)
contains.

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Color

**YUV(165.3210, 36.8167,
-2.0355)**

Conversions

Conversions Part 1

Format	Color
Hex	A398F0
RGB	163, 152, 240
RGB Percent	64%, 60%, 94%
CMY	0.3608, 0.4039, 0.0588
CMYK	0.32, 0.37, 0.00, 0.06
HSL	248°, 75%, 77%
HSV	248°, 37%, 94%
XYZ	42.0607, 36.5343, 87.2731
YIQ	165.3210, -21.6920, 29.7000

Conversions

Conversions Part 2

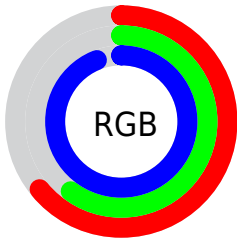
Format	Color
R _Y B	163, 152, 240
Decimal	10721520
CIE Lab	66.93, 23.58, -42.81
CIE LCh	67, 48.871, 298.850
Yxy	36.5343, 0.2536, 0.2203
Android (android.graphics.Color)	4288911600 (0xFFA398F0)
YUV	165.3210, 36.8167, -2.0355
Hunter-Lab	60.4436, 18.4359, -43.2969

Details

The YUV color $165.3210, 36.8167, -2.0355$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $226.6790, -36.8167, 2.0355$, and the grayscale version is $165.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $215.7720, 19.3394, 3.7080$, and $112.5550, 35.2224, -3.9947$ is the 20% darker color. If you saturate the color by 10%, you get $144.9540, 46.8577, -2.5907$, and if you desaturate by 10%, it is $185.6880, 26.7758, -1.4804$.

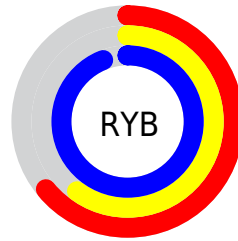
Distribution



Red (64%)

Green (60%)

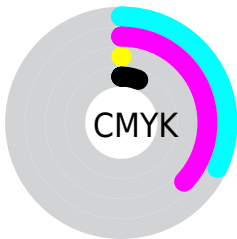
Blue (94%)



Red (64%)

Yellow (60%)

Blue (94%)

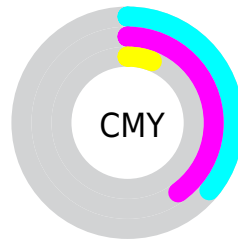


Cyan (32%)

Magenta (37%)

Yellow (0%)

Black (6%)



Cyan (36%)

Magenta (40%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.3210, 36.8167, -2.0355 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 165.3210, 36.8167, -2.0355 by changing the saturation by 10% instead.

■ 165.3210, 36.8167,
-2.0355

■ 165.3210, 36.8167,
-2.0355

■ 255.0000, 0.0000,
0.0000

■ 138.3810, 35.8012,
-2.9651

■ 215.7720, 19.3394,
3.7080

■ 112.5550, 35.2224,
-3.9947

■ 241.4660, 6.6723,
6.6073

■ 87.5010, 33.7700,
-4.8244

■ 62.9630, 33.0492,
-6.9836

■ 38.7020, 32.1919,
-12.0167

■ 16.7510, 31.1818,
-14.6906

■ 6.3840, 24.4607,

-5.5988

■ 5.0500, 14.2723,
-4.4289

■ 0.7980, 3.0576,
-0.6998

■ 165.3210, 36.8167,
-2.0355

■ 165.3210, 36.8167,
-2.0355

■ 144.9540, 46.8577,
-2.5907

■ 185.6880, 26.7758,
-1.4804

■ 124.5870, 56.8986,
-3.1458

■ 206.0550, 16.7349,
-0.9252

■ 104.2200, 66.9395,
-3.7009

■ 226.4220, 6.6940,
-0.3701

■ 83.8530, 76.9805,
-4.2561

■ 246.7890, -3.3470,
0.1850

■ 63.4860, 87.0214,
-4.8112

■ 253.2900, -6.5520,
1.4997

■ 43.1190, 97.0623,
-5.3664

■ 36.3300, 100.4093,
-5.5514

Harmonies

Analogous

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



150.4380, 49.0841, -63.5281



165.3210, 36.8167, -2.0355



167.6550, 20.3831, 42.3986

Triad

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



165.3210, 36.8167, -2.0355



161.8350, -36.4007, 55.3957



126.8350, 16.3503, -111.2343

Complementary

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



165.3210, 36.8167, -2.0355



226.6790, -36.8167, 2.0355

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.



146.3810, -14.9778, -49.4461



165.3210, 36.8167, -2.0355



158.9380, -42.8604, 27.2414

Square

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



165.3210, 36.8167, -2.0355



163.2880, -19.8620, 70.7844



154.6670, -35.3318, -7.6010



131.2640, 35.8588, -115.1185

Rectangle

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



165.3210, 36.8167, -2.0355



166.3340, 7.2303, 61.0971



154.6670, -35.3318, -7.6010



130.7030, 6.5554, -96.2095

Sweetspot

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



165.3210, 36.8167, -2.0355



231.0890, 11.7881, -0.9551



207.8180, 15.8657, -48.9524



113.5360, 7.1308, -0.4701



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.



165.3210, 36.8167, -2.0355



159.9540, 46.8577, -2.5907



178.1780, 30.4782, 24.3999



109.6670, 5.0942, -0.5850



27.8530, 76.9805, -4.2561



8.4770, 23.4288, -1.2953

Inverse Universe

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



187.0900, 20.6616, 46.4021



187.6600, 26.2966, 59.0572



213.8220, -30.4782, -24.3999



112.7280, 2.5991, 6.3775



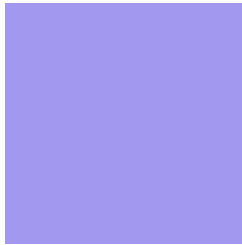
73.3700, 43.2016, 97.0225



22.3300, 13.1483, 29.5286

Previews

White Background



This preview shows how the YUV color 165.3210, 36.8167, -2.0355 looks on a white background.

Color Contrast Check

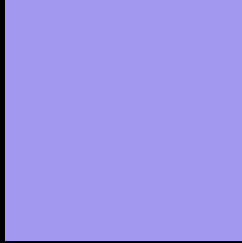
Large Text (above 18pt) WCAG AA × Fail

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 165.3210, 36.8167, -2.0355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

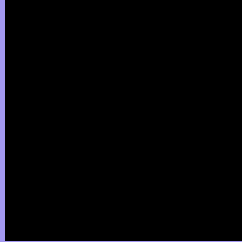
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.3210, 36.8167, -2.0355

Background



This preview shows how black text looks on a background with the YUV color 165.3210, 36.8167, -2.0355.



This preview shows how white text looks on a background with the YUV color 165.3210, 36.8167, -2.0355.

-2.0355.

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

165.3210, 36.8167, -2.0355

Protanopia

161.5460, 42.1288, -25.9118

Deuteranopia

161.3950, 37.7663, -26.6564



Tritanopia

161.9970, 7.8895, -10.5214

Trichromacy



Original Color

165.3210, 36.8167, -2.0355

Protanomaly

162.7320, 40.0651, -17.3050

Deuteranomaly

162.7490, 37.5917, -17.3199

Tritanomaly

163.1790, 18.6458, -7.1730

Monochromacy



Original Color

165.3210, 36.8167, -2.0355

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.8440, 13.3879, -0.7402

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.3210, 36.8167, -2.0355 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(163, 152, 240)` looks like.

```
.text, #text, p{  
    color:rgb(163, 152, 240)  
}
```

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(163, 152, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 152, 240) }
```

Border

The CSS property to change the border of an element to YUV 165.3210, 36.8167, -2.0355 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(163, 152, 240) }
```


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

```
.border{ border-color:rgb(163, 152, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 152, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 152, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 152, 240);  
box-shadow:4px 4px 4px 4px rgb(163, 152,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 165.3210, 36.8167, -2.0355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 152, 240) }
```

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

```
.background{ background-color: rgb(163,  
152, 240) }
```

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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