

Converting Colors

YUV(146.3170, 32.8747, 2.3530)

Have a look what the booklet for
YUV(146.3170, 32.8747, 2.3530)
contains.

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Color

**YUV(146.3170, 32.8747,
2.3530)**

Conversions

Conversions Part 1

Format	Color
Hex	9584D5
RGB	149, 132, 213
RGB Percent	58%, 52%, 84%
CMY	0.4157, 0.4824, 0.1647
CMYK	0.30, 0.38, 0.00, 0.16
HSL	253°, 49%, 68%
HSV	253°, 38%, 84%
XYZ	32.6559, 27.6962, 66.5755
YIQ	146.3170, -15.8690, 28.7950

Conversions

Conversions Part 2

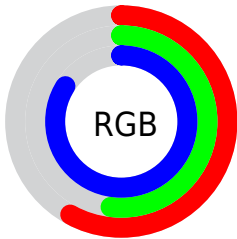
Format	Color
RYB	149, 132, 213
Decimal	9798869
CIELab	59.61, 24.28, -39.38
CIELCh	60, 46.265, 301.650
Yxy	27.6962, 0.2573, 0.2182
Android (android.graphics.Color)	4287988949 (0xFF9584D5)
YUV	146.3170, 32.8747, 2.3530
Hunter-Lab	52.6272, 18.6643, -38.1653

Details

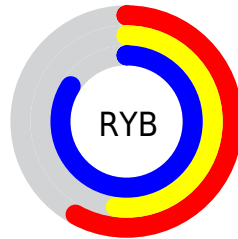
The YUV color **146.3170, 32.8747, 2.3530** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **198.6830, -32.8747, -2.3530**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.9600, 27.6277, 5.2971**, and **94.8500, 31.1330, 1.0086** is the 20% darker color. If you saturate the color by 10%, you get **128.9070, 41.4578, 2.7126**, and if you desaturate by 10%, it is **163.7270, 24.2916, 1.9934**.

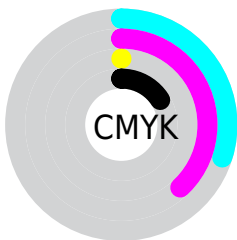
Distribution



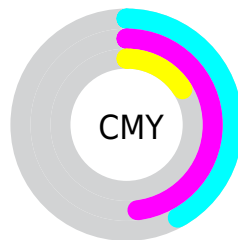
- Red (58%)
- Green (52%)
- Blue (84%)



- Red (58%)
- Yellow (52%)
- Blue (84%)



- Cyan (30%)
- Magenta (38%)
- Yellow (0%)
- Black (16%)



- Cyan (42%)
- Magenta (48%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.3170, 32.8747, 2.3530 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 146.3170, 32.8747, 2.3530 by changing the saturation by 10% instead.

■ 146.3170, 32.8747,
2.3530

■ 146.3170, 32.8747,
2.3530

■ 255.0000, 0.0000,
0.0000

■ 120.3770, 31.8591,
1.4234

■ 198.9600, 27.6277,
5.2971

■ 94.8500, 31.1330,
1.0086

■ 224.0670, 15.2500,
8.7112

■ 70.4970, 29.8280,
-0.4359

■ 246.7820, 4.0515,
7.2072

■ 46.6600, 29.2546,
-3.2098

■ 23.1000, 28.5447,
-8.8577

■ 6.6120, 25.3343,
-5.7987

■ 5.1640, 14.7091,

-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 146.3170, 32.8747,
2.3530

■ 146.3170, 32.8747,
2.3530

■ 128.9070, 41.4578,
2.7126

■ 163.7270, 24.2916,
1.9934

■ 110.9100, 50.3304,
3.5869

■ 181.7240, 15.4191,
1.1191

■ 93.7990, 58.7661,
4.5613

■ 198.8350, 6.9833,
0.1447

■ 76.3890, 67.3492,
4.9208

■ 216.2450, -1.5998,
-0.2149

■ 58.9790, 75.9324,
5.2804

■ 234.2420,
-10.4723, -1.0892

■ 40.9820, 84.8049,
6.1548

■ 248.7170,
-17.6085, 1.1252

■ 37.7370, 86.4047,
6.3697

■ 250.2120,
-18.3455, 4.1991

Harmonies

Analogous

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



133.4670, 45.1258, -53.9066



146.3170, 32.8747, 2.3530



147.8460, 17.3309, 41.3541

Triad

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



146.3170, 32.8747, 2.3530



141.9590, -34.4898, 49.1480



112.7980, 15.8756, -98.9238

Complementary

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



146.3170, 32.8747, 2.3530



198.6830, -32.8747, -2.3530

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.



126.8800, -11.7728, -50.7608



146.3170, 32.8747, 2.3530



139.4150, -39.6446, 22.4380

Square

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



146.3170, 32.8747, 2.3530



143.5430, -19.9877, 64.4218



135.2690, -31.6846, -10.7599



116.7710, 33.6369, -102.4082

Rectangle

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



146.3170, 32.8747, 2.3530



146.1550, 5.3466, 58.6231



135.2690, -31.6846, -10.7599



110.5010, 9.6130, -96.9094

Sweetspot

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



146.3170, 32.8747, 2.3530



231.9860, 11.3459, 0.8893



179.3890, 16.5702, -41.5602



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.



146.3170, 32.8747, 2.3530



158.5140, 47.5676, 3.0572



158.2770, 26.9784, 26.9441



98.1510, 4.3626, 0.7446



30.2580, 69.3858, 5.0357



7.5930, 17.4557, 1.2339

Inverse Universe

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



163.5150, 16.0151, 43.3983



183.4710, 22.9388, 62.7309



186.7230, -26.9784, -26.9441



100.3150, 2.3097, 5.8627



66.5190, 33.7611, 91.6298



16.7330, 8.5126, 23.0362

Previews

White Background



This preview shows how the YUV color 146.3170, 32.8747, 2.3530 looks on a white 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

Black Background



This preview shows how the YUV color 146.3170, 32.8747, 2.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

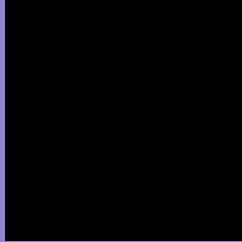
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 146.3170, 32.8747, 2.3530

Background



This preview shows how black text looks on a background with the YUV color 146.3170, 32.8747, 2.3530.



This preview shows how white text looks on a background with the YUV color 146.3170, 32.8747, 2.3530.

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

146.3170, 32.8747, 2.3530

Protanopia

142.3460, 38.7764, -23.9824

Deuteranopia

142.3800, 33.8297, -24.0123



Tritanopia

143.1610, 5.8366, -5.4032

Trichromacy



Original Color

146.3170, 32.8747, 2.3530

Protanomaly

143.8310, 36.5653, -14.7608

Deuteranomaly

143.7340, 33.6551, -14.6757

Tritanomaly

144.4030, 15.5773, -2.9844

Monochromacy



Original Color

146.3170, 32.8747, 2.3530

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.1000, 11.7827, 0.7893

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.3170, 32.8747, 2.3530 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(149, 132, 213)` looks like.

```
.text, #text, p{  
    color:rgb(149, 132, 213)  
}
```

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(149, 132, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 132, 213) }
```

Border

The CSS property to change the border of an element to YUV 146.3170, 32.8747, 2.3530 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(149, 132, 213) }
```


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

```
.border{ border-color:rgb(149, 132, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 132, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 132, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 132, 213);  
box-shadow:4px 4px 4px 4px rgb(149, 132,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 146.3170, 32.8747, 2.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 132, 213) }
```

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

```
.background{ background-color: rgb(149,  
132, 213) }
```

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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