

Converting Colors

YUV(49.1450, 94.0915,
-32.5762)

Have a look what the booklet for
YUV(49.1450, 94.0915, -32.5762)
contains.

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Color

**YUV(49.1450, 94.0915,
-32.5762)**

Conversions

Conversions Part 1

Format	Color
Hex	0C1FF0
RGB	12, 31, 240
RGB Percent	5%, 12%, 94%
CMY	0.9529, 0.8784, 0.0588
CMYK	0.95, 0.87, 0.00, 0.06
HSL	235°, 90%, 49%
HSV	235°, 95%, 94%
XYZ	16.3698, 7.3494, 82.9939
YIQ	49.1450, -78.4130, 60.9710

Conversions

Conversions Part 2

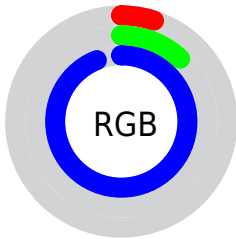
Format	Color
R _Y B	12, 30, 240
Decimal	794608
CIE Lab	32.59, 68.75, -98.92
CIE LCh	33, 120.465, 304.800
Yxy	7.3494, 0.1534, 0.0689
Android (android.graphics.Color)	4278984688 (0xFF0C1FF0)
YUV	49.1450, 94.0915, -32.5762
Hunter-Lab	27.1098, 60.3420, -162.5335

Details

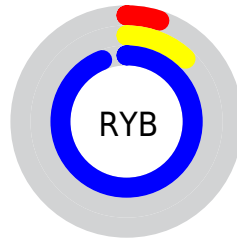
The YUV color **49.1450, 94.0915, -32.5762** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **202.8550, -94.0915, 32.5762**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.3610, 69.8280, 3.1914**, and **20.7480, 79.4972, -18.1960** is the 20% darker color. If you saturate the color by 10%, you get **39.1000, 99.0437, -34.2907**, and if you desaturate by 10%, it is **69.2350, 84.1871, -29.1471**.

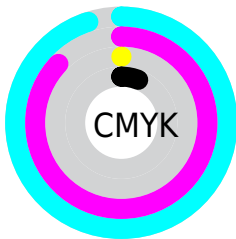
Distribution



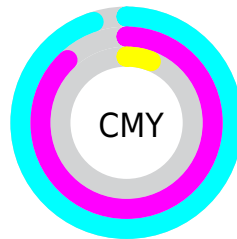
- Red (5%)
- Green (12%)
- Blue (94%)



- Red (5%)
- Yellow (12%)
- Blue (94%)



- Cyan (95%)
- Magenta (87%)
- Yellow (0%)
- Black (6%)



- Cyan (95%)
- Magenta (88%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.1450, 94.0915, -32.5762 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 49.1450, 94.0915, -32.5762 by changing the saturation by 10% instead.

■ 49.1450, 94.0915,
-32.5762

■ 49.1450, 94.0915,
-32.5762

255.0000, 0.0000,
0.0000

■ 24.0540, 92.1644,
-21.0954

■ 113.3610, 69.8280,
3.1914

■ 20.7480, 79.4972,
-18.1960

■ 139.6750, 56.8552,
10.8090

■ 17.5560, 67.2669,
-15.3966

■ 165.1030, 44.3192,
18.3267

■ 14.4780, 55.4733,
-12.6972

■ 191.1070, 31.4992,
23.5852

■ 20.9060, 39.4863,
-18.3346

■ 217.4100, 18.5319,
29.4584


■ 13.9470, 30.5921,
-12.2315


■ 235.0420, 9.8393,

■ 8.2760, 21.5559,


17.5032


-7.2581

 252.0650, 1.4470,
2.5740


 4.5940, 12.5252,
-4.0289


 0.0000, 0.0000,
0.0000


 49.1450, 94.0915,
-32.5762

 49.1450, 94.0915,
-32.5762

 39.1000, 99.0437,
-34.2907

 69.2350, 84.1871,
-29.1471

 89.3250, 74.2828,
-25.7180

 109.4150, 64.3784,
-22.2890

 129.5050, 54.4740,
-18.8599

■ 149.5950, 44.5697,
-15.4308

■ 169.6850, 34.6653,
-12.0017

■ 189.7750, 24.7609,
-8.5727

■ 209.8650, 14.8566,
-5.1436

■ 229.9550, 4.9522,
-1.7145

Harmonies

Analogous

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



83.0740, 84.7595, -72.8559



49.1450, 94.0915, -32.5762



75.0500, 41.8803, 100.8111

Triad

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



49.1450, 94.0915, -32.5762



58.3730, -28.7779, 83.8649



71.4220, 9.6520, -62.6371

Complementary

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



49.1450, 94.0915, -32.5762



202.8550, -94.0915, 32.5762

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.



59.2870, -29.2285, -51.9947



49.1450, 94.0915, -32.5762



71.1790, -35.0912, 8.6130

Square

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



49.1450, 94.0915, -32.5762



61.2950, -30.2184, 126.0293



56.3520, -27.7815, -49.4207



84.1270, 50.7164, -73.7794

Rectangle

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



49.1450, 94.0915, -32.5762



76.6530, 10.5241, 124.8383



56.3520, -27.7815, -49.4207



66.9590, -4.9098, -58.7230

Sweetspot

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



49.1450, 94.0915, -32.5762



192.9580, 30.5867, -10.4872



169.6620, 25.3096, -138.2696



90.4780, 18.4983, -6.5582



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.



49.1450, 94.0915, -32.5762



41.3970, 105.3063, -36.3052



66.3970, 85.5863, 35.6088



109.9550, 4.9522, -1.7145



29.7810, 76.0300, -26.1179



9.3190, 23.0137, -8.1728

Inverse Universe

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



82.3380, -25.3096, 138.2696



78.6390, -28.4160, 154.6686



185.6030, -85.5863, -35.6088



111.7020, -1.3321, 7.2773



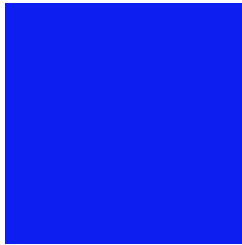
56.7260, -20.5709, 111.6193



17.3140, -6.0708, 33.9276

Previews

White Background



This preview shows how the YUV color 49.1450, 94.0915, -32.5762 looks on a white background.

Color Contrast Check

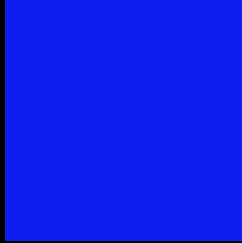
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 49.1450, 94.0915, -32.5762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

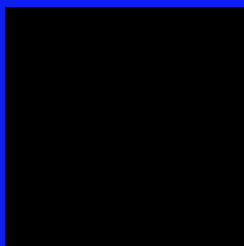
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.1450, 94.0915, -32.5762

Background



This preview shows how black text looks on a background with the YUV color 49.1450, 94.0915, -32.5762.



This preview shows how white text looks on a background with the YUV color 49.1450, 94.0915,

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

49.1450, 94.0915, -32.5762

Protanopia

60.9940, 45.8520, -53.4917

Deuteranopia

61.3070, 34.3586, -53.7662



Tritanopia

60.0410, 14.2768, -52.6560

Trichromacy



Original Color

49.1450, 94.0915, -32.5762

Protanomaly

56.3320, 63.4333, -45.8952

Deuteranomaly

57.0840, 56.1606, -46.5547

Tritanomaly

55.7670, 43.4989, -45.3997

Monochromacy



Original Color

49.1450, 94.0915, -32.5762

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.8700, 34.0811, -11.2870

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.1450, 94.0915, -32.5762 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(12, 31, 240)` looks like.

```
.text, #text, p{  
    color:rgb(12, 31, 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(12, 31, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 31, 240) }
```

Border

The CSS property to change the border of an element to YUV 49.1450, 94.0915, -32.5762 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(12, 31, 240) }
```


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

```
.border{ border-color:rgb(12, 31, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 31, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 31, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 31, 240);  
box-shadow:4px 4px 4px 4px rgb(12, 31,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 49.1450, 94.0915, -32.5762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 31, 240) }
```

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

```
.background{ background-color: rgb(12, 31,  
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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