

Converting Colors

YUV(188.4510, 32.8087,
-23.1975)

Have a look what the booklet for
YUV(188.4510, 32.8087, -23.1975)
contains.

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Color

**YUV(188.4510, 32.8087,
-23.1975)**

Conversions

Conversions Part 1

Format	Color
Hex	A2BDFF
RGB	162, 189, 255
RGB Percent	64%, 74%, 100%
CMY	0.3647, 0.2588, 0.0000
CMYK	0.36, 0.26, 0.00, 0.00
HSL	223°, 100%, 82%
HSV	223°, 36%, 100%
XYZ	51.1479, 51.2966, 101.8132
YIQ	188.4510, -37.2780, 14.8020

Conversions

Conversions Part 2

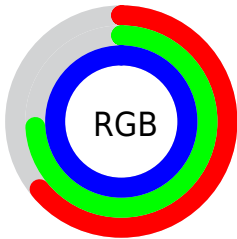
Format	Color
RYB	162, 183, 255
Decimal	10665471
CIELab	76.86, 6.44, -35.47
CIElCh	77, 36.054, 280.292
Yxy	51.2966, 0.2504, 0.2511
Android (android.graphics.Color)	4288855551 (0xFFA2BDFF)
YUV	188.4510, 32.8087, -23.1975
Hunter-Lab	71.6216, 2.1362, -34.1481

Details

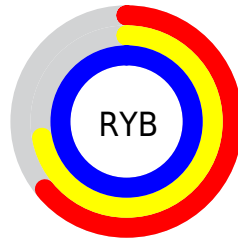
The YUV color **188.4510, 32.8087, -23.1975** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **228.5490, -32.8087, 23.1975**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.3660, 8.2006, -16.9840**, and **134.3970, 31.3563, -24.0272** is the 20% darker color. If you saturate the color by 10%, you get **170.1110, 41.8503, -29.9153**, and if you desaturate by 10%, it is **206.4920, 23.9144, -17.0945**.

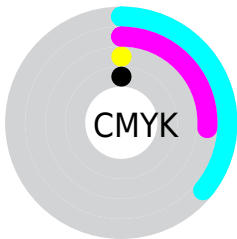
Distribution



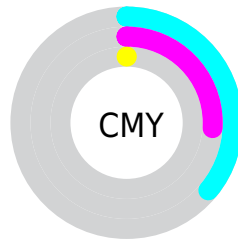
- Red (64%)
- Green (74%)
- Blue (100%)



- Red (64%)
- Yellow (72%)
- Blue (100%)



- Cyan (36%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.4510, 32.8087, -23.1975 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 188.4510, 32.8087, -23.1975 by changing the saturation by 10% instead.

■ 188.4510, 32.8087,
-23.1975

■ 188.4510, 32.8087,
-23.1975

255.0000, 0.0000,
0.0000

■ 160.9240, 32.0825,
-23.6123

■ 238.3660, 8.2006,
-16.9840

■ 134.3970, 31.3563,
-24.0272

■ 252.9070, 1.0318,
-4.3034

■ 108.5710, 30.7775,
-25.0568

■ 82.7340, 30.2041,
-27.8307

■ 56.4020, 30.3678,
-33.6786

■ 35.2560, 28.4678,
-30.9195

■ 20.7800, 23.7725,

-18.2241

■ 7.5920, 18.9351,
-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 188.4510, 32.8087,
-23.1975

■ 188.4510, 32.8087,
-23.1975

■ 170.1110, 41.8503,
-29.9153

■ 206.4920, 23.9144,
-17.0945

■ 152.0700, 50.7445,
-36.0184

■ 224.8320, 14.8728,
-10.3767

■ 134.0290, 59.6387,
-42.1214

■ 243.1720, 5.8312,
-3.6588

■ 115.6890, 68.6803,
-48.8393

■ 255.0000, 0.0000,
0.0000

■ 97.3490, 77.7219,
-55.5571

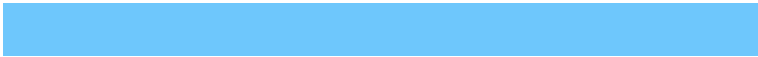
■ 78.7210, 86.9055,
-61.1453

■ 72.5080, 89.9686,
-63.5895

Harmonies

Analogous

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



178.4310, 36.2695, -60.0140



188.4510, 32.8087, -23.1975



193.8640, 23.2380, 13.2743

Triad

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



188.4510, 32.8087, -23.1975



191.7110, -21.5495, 51.9965



176.9220, -5.3845, -46.4126

Complementary

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



188.4510, 32.8087, -23.1975



228.5490, -32.8087, 23.1975

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.



182.7550, -22.0642, -16.4481



188.4510, 32.8087, -23.1975



189.5060, -30.8155, 37.2672

Square

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



188.4510, 32.8087, -23.1975



192.9190, -6.8621, 54.4450



186.2380, -31.1763, 12.9463



170.6100, 14.4893, -74.2030

Rectangle

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



188.4510, 32.8087, -23.1975



194.5800, 14.0111, 32.8173



186.2380, -31.1763, 12.9463



179.3810, -11.5268, -36.2911

Sweetspot

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



188.4510, 32.8087, -23.1975



234.8880, 9.9152, -6.9178



224.0010, 1.4785, -54.3749



115.8730, 5.9786, -4.2736



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.



188.4510, 32.8087, -23.1975



174.5520, 39.6609, -27.6711



178.2830, 37.8215, 2.3828



118.2430, 4.8102, -2.8441



54.6460, 67.2225, -47.9245



18.4490, 22.4566, -16.1798

Inverse Universe

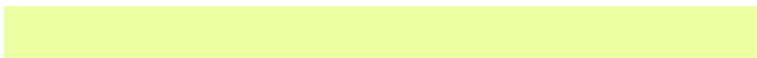
The Inverse Universe completely reimagines the original color for something new.



192.8850, -1.9153, 54.4749



180.1360, -2.5320, 65.6557



238.7170, -37.8215, -2.3828



119.2290, -0.6059, 7.6922



63.4930, -3.6940, 111.8236



21.3020, -1.1349, 37.4461

Previews

White Background



This preview shows how the YUV color 188.4510, 32.8087, -23.1975 looks on a white background.

Color Contrast Check

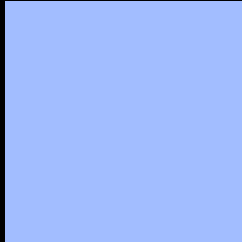
Large Text (above 18pt) WCAG AA × Fail

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 188.4510, 32.8087, -23.1975 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

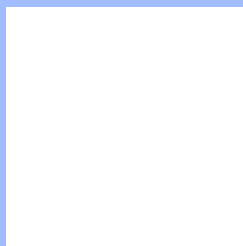
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 188.4510, 32.8087, -23.1975

Background



This preview shows how black text looks on a background with the YUV color 188.4510, 32.8087, -23.1975.



This preview shows how white text looks on a background with the YUV color 188.4510, 32.8087, -23.1975.

-23.1975.

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

188.4510, 32.8087, -23.1975

Protanopia

189.7400, 31.1872, -16.4350

Deuteranopia

189.9680, 32.0608, -16.6349



Tritanopia

185.3690, 13.6221, -29.2646

Trichromacy



Original Color

188.4510, 32.8087, -23.1975

Protanomaly

189.5440, 31.7768, -18.8941

Deuteranomaly

189.6580, 32.2136, -18.9941

Tritanomaly

186.5140, 20.4526, -26.7608

Monochromacy



Original Color

188.4510, 32.8087, -23.1975

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0450, 11.8098, -7.9325

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.4510, 32.8087, -23.1975 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(162, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 189, 255)  
}
```

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(162, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 189, 255) }
```

Border

The CSS property to change the border of an element to YUV 188.4510, 32.8087, -23.1975 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(162, 189, 255) }
```


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

```
.border{ border-color:rgb(162, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 189,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 188.4510, 32.8087, -23.1975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 189, 255) }
```

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

```
.background{ background-color: rgb(162,  
189, 255) }
```

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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