

Converting Colors

YUV(163.3130, 45.2017,
-78.3275)

Have a look what the booklet for
YUV(163.3130, 45.2017, -78.3275)
contains.

YUV(163.3130, 45.2017, -78.3275)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(163.3130, 45.2017,
-78.3275)**

Conversions

Conversions Part 1

Format	Color
Hex	4ABFFF
RGB	74, 191, 255
RGB Percent	29%, 75%, 100%
CMY	0.7098, 0.2510, 0.0000
CMYK	0.71, 0.25, 0.00, 0.00
HSL	201°, 100%, 65%
HSV	201°, 71%, 100%
XYZ	39.5048, 45.9374, 101.3924
YIQ	163.3130, -90.2760, -4.9000

Conversions

Conversions Part 2

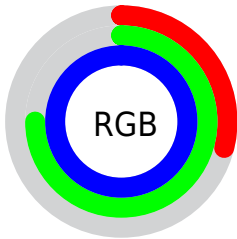
Format	Color
R _Y B	74, 145, 255
Decimal	4898815
CIE Lab	73.50, -12.66, -40.99
CIE LCh	74, 42.895, 252.841
Yxy	45.9374, 0.2114, 0.2459
Android (android.graphics.Color)	4283088895 (0xFF4ABFFF)
YUV	163.3130, 45.2017, -78.3275
Hunter-Lab	67.7772, -14.5689, -41.2519

Details

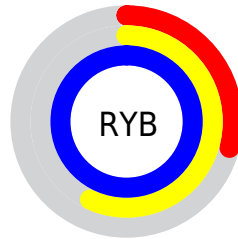
The YUV color **163.3130, 45.2017, -78.3275** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **165.6870, -45.2017, 78.3275**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.5170, 18.9721, -65.3514**, and **103.5780, 46.5500, -90.8379** is the 20% darker color. If you saturate the color by 10%, you get **150.5550, 51.4914, -89.0637**, and if you desaturate by 10%, it is **176.3700, 38.7646, -66.9765**.

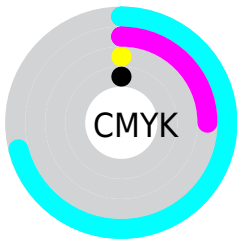
Distribution



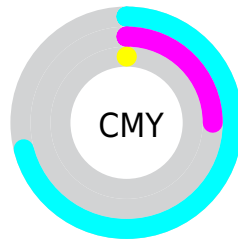
- Red (29%)
- Green (75%)
- Blue (100%)



- Red (29%)
- Yellow (57%)
- Blue (100%)



- Cyan (71%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.3130, 45.2017, -78.3275 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 163.3130, 45.2017, -78.3275 by changing the saturation by 10% instead.

■ 163.3130, 45.2017,
-78.3275

■ 163.3130, 45.2017,
-78.3275

■ 255.0000, 0.0000,
0.0000

■ 128.6100, 48.0133,
-93.4970

■ 216.5170, 18.9721,
-65.3514

■ 103.5780, 46.5500,
-90.8379

■ 230.7810, 11.9400,
-49.7969

■ 85.1240, 41.8439,
-74.6537

■ 240.0500, 7.3704,
-30.7388

■ 68.0720, 37.4325,
-59.6991

■ 249.3190, 2.8007,
-11.6808

■ 51.6070, 32.7317,
-45.2593

■ 35.8430, 28.1784,
-31.4343

■ 21.9540, 23.1937,

-19.2537

■ 7.5920, 18.9351,
-6.6582

■ 3.3230, 10.1938,
-2.9143

■ 163.3130, 45.2017,
-78.3275

■ 163.3130, 45.2017,
-78.3275

■ 150.5550, 51.4914,
-89.0637

■ 176.3700, 38.7646,
-66.9765

■ 137.4980, 57.9285,
-100.4147

■ 189.1280, 32.4749,
-56.2403

■ 125.9250, 63.6340,
-110.4362

■ 202.1850, 26.0378,
-44.8892

■ 214.9430, 19.7481,
-34.1530

■ 228.0000, 13.3110,
-22.8020

■ 240.7580, 7.0213,
-12.0658

■ 253.8150, 0.5842,
-0.7148

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



143.3750, 44.1851, -125.7399



163.3130, 45.2017, -78.3275



178.9930, 37.4715, -25.4269

Triad

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



163.3130, 45.2017, -78.3275



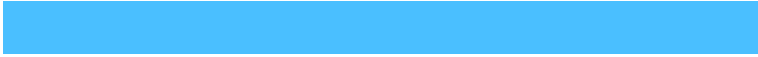
183.1050, -8.9258, 63.0519



171.3260, -24.8107, -22.2109

Complementary

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



163.3130, 45.2017, -78.3275



165.6870, -45.2017, 78.3275

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.



176.1470, -36.5545, 11.2721



163.3130, 45.2017, -78.3275



181.3160, -25.7918, 59.3589

Square

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



163.3130, 45.2017, -78.3275



185.2510, 9.7363, 50.6459



179.0350, -36.4993, 40.3113



163.2900, -3.5940, -60.7673

Rectangle

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



163.3130, 45.2017, -78.3275



184.1710, 30.9747, 5.1120



179.0350, -36.4993, 40.3113



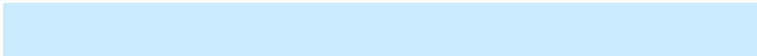
173.1380, -29.6480, -10.6450

Sweetspot

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



163.3130, 45.2017, -78.3275



227.7010, 13.4584, -23.4168



187.4290, -24.8615, -99.4772



111.3880, 8.1897, -13.4953



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.



163.3130, 45.2017, -78.3275



144.9180, 54.2704, -93.7671



110.4830, 71.2469, -31.9956



121.1780, 3.3632, -5.4181



94.5620, 47.5439, -82.9309



31.3630, 16.0900, -27.5054

Inverse Universe

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



141.4570, 24.4247, 99.5772



118.8430, 29.1644, 119.4097



218.5170, -71.2469, 31.9956



119.7990, 1.5781, 7.1923



71.2450, 26.0082, 105.0251



23.8100, 8.4747, 35.2466

Previews

White Background



This preview shows how the YUV color 163.3130, 45.2017, -78.3275 looks on a white background.

Color Contrast Check

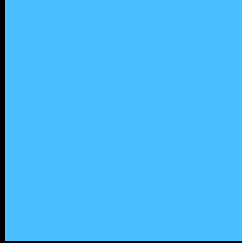
Large Text (above 18pt) WCAG AA × Fail

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 163.3130, 45.2017, -78.3275 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

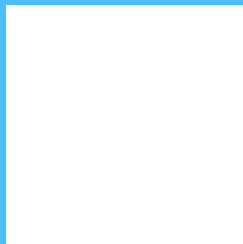
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 163.3130, 45.2017, -78.3275

Background



This preview shows how black text looks on a background with the YUV color 163.3130, 45.2017, -78.3275.



This preview shows how white text looks on a background with the YUV color 163.3130, 45.2017, -78.3275.

-78.3275.

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

163.3130, 45.2017, -78.3275

Protanopia

179.5550, 31.7714, -17.1497

Deuteranopia

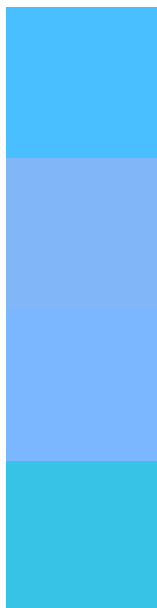
178.4060, 37.7608, -24.9121



Tritanopia

153.5930, 30.2737, -96.9901

Trichromacy



Original Color

163.3130, 45.2017, -78.3275

Protanomaly

173.6770, 36.6412, -39.1817

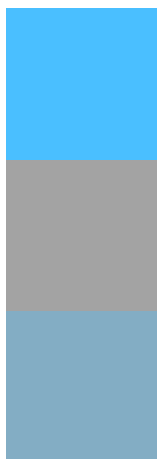
Deuteranomaly

172.9690, 40.4413, -44.6998

Tritanomaly

156.8310, 36.0723, -90.1828

Monochromacy



Original Color

163.3130, 45.2017, -78.3275

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.0640, 16.2374, -28.1201

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.3130, 45.2017, -78.3275 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(74, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(74, 191, 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(74, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 191, 255) }
```

Border

The CSS property to change the border of an element to YUV 163.3130, 45.2017, -78.3275 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(74, 191, 255) }
```


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

```
.border{ border-color:rgb(74, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(74, 191,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 163.3130, 45.2017, -78.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 191, 255) }
```

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

```
.background{ background-color: rgb(74, 191,  
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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