

Converting Colors

YUV(124.3780, 46.6486,
-75.7535)

Have a look what the booklet for
YUV(124.3780, 46.6486, -75.7535)
contains.

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Color

**YUV(124.3780, 46.6486,
-75.7535)**

Conversions

Conversions Part 1

Format	Color
Hex	2696DB
RGB	38, 150, 219
RGB Percent	15%, 59%, 86%
CMY	0.8510, 0.4118, 0.1412
CMYK	0.83, 0.32, 0.00, 0.14
HSL	203°, 72%, 50%
HSV	203°, 83%, 86%
XYZ	24.4919, 27.3392, 71.0040
YIQ	124.3780, -88.9010, -2.2850

Conversions

Conversions Part 2

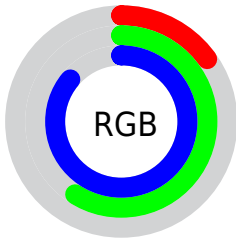
Format	Color
R _Y B	38, 107, 219
Decimal	2528987
CIE Lab	59.29, -6.34, -43.63
CIE LCh	59, 44.088, 261.733
Yxy	27.3392, 0.1994, 0.2226
Android (android.graphics.Color)	4280719067 (0xFF2696DB)
YUV	124.3780, 46.6486, -75.7535
Hunter-Lab	52.2869, -7.8905, -43.9131

Details

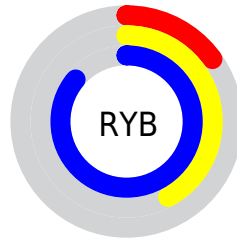
The YUV color **124.3780, 46.6486, -75.7535** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **132.6220, -46.6486, 75.7535**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.9040, 35.5433, -60.4288**, and **77.3960, 42.6958, -67.8763** is the 20% darker color. If you saturate the color by 10%, you get **113.1040, 52.2067, -85.1602**, and if you desaturate by 10%, it is **135.6520, 41.0906, -66.3468**.

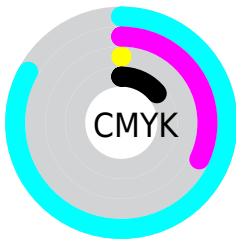
Distribution



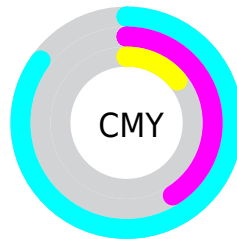
- Red (15%)
- Green (59%)
- Blue (86%)



- Red (15%)
- Yellow (42%)
- Blue (86%)



- Cyan (83%)
- Magenta (32%)
- Yellow (0%)
- Black (14%)



- Cyan (85%)
- Magenta (41%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.3780, 46.6486, -75.7535 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 124.3780, 46.6486, -75.7535 by changing the saturation by 10% instead.

■ 124.3780, 46.6486,
-75.7535

■ 124.3780, 46.6486,
-75.7535

■ 255.0000, 0.0000,
0.0000

■ 94.5620, 47.5439,
-82.9309

■ 182.9040, 35.5433,
-60.4288

■ 77.3960, 42.6958,
-67.8763

■ 208.6090, 22.8708,
-55.7851

■ 60.2300, 37.8476,
-52.8217

■ 231.3790, 11.6452,
-48.5674

■ 44.3520, 32.8575,
-38.8967

■ 240.6480, 7.0755,
-29.5093

■ 29.1750, 28.0147,
-25.5865

■ 249.6180, 2.6533,
-11.0660

■ 10.7040, 25.7819,
-9.3874

■ 6.3210, 16.6037,

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 124.3780, 46.6486,
-75.7535

■ 124.3780, 46.6486,
-75.7535

■ 113.1040, 52.2067,
-85.1602

■ 135.6520, 41.0906,
-66.3468

■ 104.7980, 56.3016,
-91.9078

■ 147.5130, 35.2431,
-57.4549

■ 158.7870, 29.6850,
-48.0482

■ 170.0610, 24.1269,
-38.6415

■ 181.6230, 18.4269,
-30.3644

■ 192.8970, 12.8688,
-20.9577

■ 204.1710, 7.3107,
-11.5510

■ 216.0320, 1.4632,
-2.6591

■ 227.3060, -4.0949,
6.7476

Harmonies

Analogous

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



116.4750, 42.6568, -102.1486



124.3780, 46.6486, -75.7535



143.2010, 35.3969, -13.3313

Triad

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



124.3780, 46.6486, -75.7535



143.5520, -13.5831, 63.5369



130.2690, -18.3736, -33.5619

Complementary

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



124.3780, 46.6486, -75.7535



132.6220, -46.6486, 75.7535

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.



136.4770, -33.7592, 1.3357



124.3780, 46.6486, -75.7535



142.3600, -29.2645, 53.1813

Square

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



124.3780, 46.6486, -75.7535



145.3180, 4.7732, 55.8491



140.0400, -37.4877, 30.6599



109.9140, 9.9024, -96.3946

Rectangle

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



124.3780, 46.6486, -75.7535



147.0970, 26.5742, 16.5779



140.0400, -37.4877, 30.6599



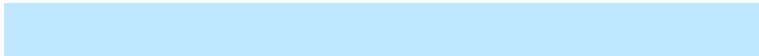
133.0380, -24.6687, -21.0813

Sweetspot

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



124.3780, 46.6486, -75.7535



221.7760, 16.3794, -26.9906



151.7710, -23.5511, -99.7772



107.5340, 10.0897, -16.2543



0.0000, 0.0000, 0.0000



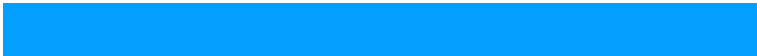
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



124.3780, 46.6486, -75.7535



123.3000, 64.9281, -105.5031



72.7220, 72.1151, -30.4512



103.7760, 3.0684, -4.1886



82.5310, 44.6012, -72.3797



21.6800, 11.9898, -19.0134

Inverse Universe

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



104.8870, 22.2407, 100.0771



96.1320, 30.9939, 139.3272



184.2780, -72.1151, 30.4512



102.9730, 0.9993, 6.1627



63.9250, 21.2360, 95.6588



16.9460, 5.4496, 25.4804

Previews

White Background



This preview shows how the YUV color 124.3780, 46.6486, -75.7535 looks on a white background.

Color Contrast Check

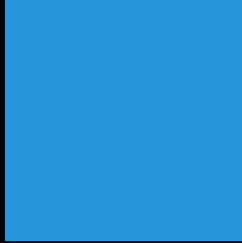
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.3780, 46.6486, -75.7535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

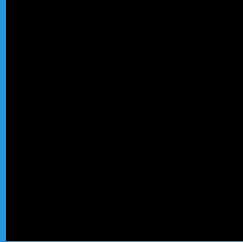
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

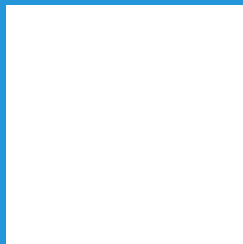
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 124.3780, 46.6486, -75.7535

Background



This preview shows how black text looks on a background with the YUV color 124.3780, 46.6486, -75.7535.

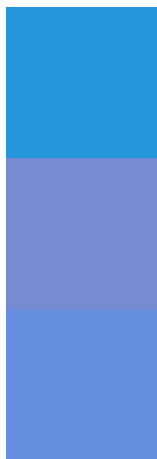


This preview shows how white text looks on a background with the YUV color 124.3780, 46.6486, -75.7535.

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

124.3780, 46.6486, -75.7535

Protanopia

140.8150, 34.1082, -20.0088

Deuteranopia

138.4480, 40.6981, -33.7189



Tritanopia

112.1260, 28.5319, -98.3345

Trichromacy



Original Color

124.3780, 46.6486, -75.7535

Protanomaly

134.8340, 38.5358, -40.1964

Deuteranomaly

133.2180, 42.7835, -49.3032

Tritanomaly

116.6030, 35.1987, -89.9828

Monochromacy



Original Color

124.3780, 46.6486, -75.7535

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.0040, 17.2530, -27.1905

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.3780, 46.6486, -75.7535 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(38, 150, 219)` looks like.

```
.text, #text, p{  
    color:rgb(38, 150, 219)  
}
```

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(38, 150, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 150, 219) }
```

Border

The CSS property to change the border of an element to YUV 124.3780, 46.6486, -75.7535 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(38, 150, 219) }
```


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

```
.border{ border-color:rgb(38, 150, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 150, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 150, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 150, 219);  
box-shadow:4px 4px 4px 4px rgb(38, 150,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 124.3780, 46.6486, -75.7535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 150, 219) }
```

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

```
.background{ background-color: rgb(38, 150,  
219) }
```

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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