

Converting Colors

YUV(197.7640, 24.7663,
-10.3170)

Have a look what the booklet for
YUV(197.7640, 24.7663, -10.3170)
contains.

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Color

**YUV(197.7640, 24.7663,
-10.3170)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC2F8
RGB	186, 194, 248
RGB Percent	73%, 76%, 97%
CMY	0.2706, 0.2392, 0.0275
CMYK	0.25, 0.22, 0.00, 0.03
HSL	232°, 82%, 85%
HSV	232°, 25%, 97%
XYZ	56.4848, 55.8000, 96.6003
YIQ	197.7640, -22.1020, 15.0980

Conversions

Conversions Part 2

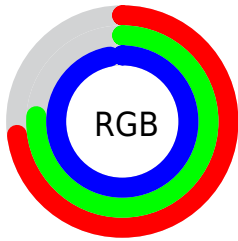
Format	Color
R _Y B	186, 193, 248
Decimal	12239608
CIE Lab	79.50, 8.74, -27.52
CIE LCh	79, 28.876, 287.609
Yxy	55.8000, 0.2704, 0.2671
Android (android.graphics.Color)	4290429688 (0xFFBAC2F8)
YUV	197.7640, 24.7663, -10.3170
Hunter-Lab	74.6994, 4.2508, -24.3835

Details

The YUV color $197.7640, 24.7663, -10.3170$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $236.2360, -24.7663, 10.3170$, and the grayscale version is $198.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.4770, 3.2158, -4.8033$, and $144.0090, 23.1666, -10.5319$ is the 20% darker color. If you saturate the color by 10%, you get $177.3750, 34.8181, -14.3609$, and if you desaturate by 10%, it is $218.1530, 14.7146, -6.2732$.

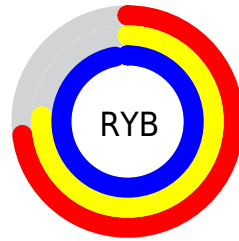
Distribution



Red (73%)

Green (76%)

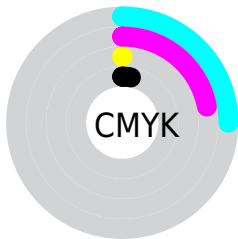
Blue (97%)



Red (73%)

Yellow (76%)

Blue (97%)

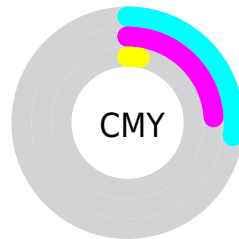


Cyan (25%)

Magenta (22%)

Yellow (0%)

Black (3%)



Cyan (27%)

Magenta (24%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.7640, 24.7663, -10.3170 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 197.7640, 24.7663, -10.3170 by changing the saturation by 10% instead.

■ 197.7640, 24.7663,
-10.3170

■ 197.7640, 24.7663,
-10.3170

255.0000, 0.0000,
0.0000

■ 170.5360, 23.8928,
-10.1171

■ 248.4770, 3.2158,
-4.8033

■ 144.0090, 23.1666,
-10.5319

■ 117.8950, 22.7298,
-10.4319

■ 93.0690, 22.1510,
-11.4615

■ 68.5420, 21.4248,
-11.8763

■ 45.3030, 20.5566,
-13.4207

■ 21.9710, 20.7203,

-19.2686

■ 4.7880, 18.3455,
-4.1991

■ 2.8670, 8.4466,
-2.5144

■ 197.7640, 24.7663,
-10.3170

■ 197.7640, 24.7663,
-10.3170

■ 177.3750, 34.8181,
-14.3609

■ 218.1530, 14.7146,
-6.2732

■ 157.5730, 44.5805,
-18.9195

■ 237.9550, 4.9522,
-1.7145

■ 137.4830, 54.4849,
-22.3486

■ 254.2020, -3.0576,
0.6998

■ 117.6810, 64.2473,
-26.9072

■ 97.2920, 74.2990,
-30.9511

■ 76.9030, 84.3508,
-34.9949

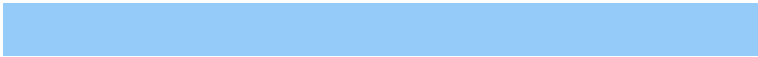
■ 57.1010, 94.1132,
-39.5536

■ 47.0560, 99.0654,
-41.2681

Harmonies

Analogous

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



191.7990, 28.2001, -38.4117



197.7640, 24.7663, -10.3170



200.9370, 15.8071, 16.7183

Triad

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



197.7640, 24.7663, -10.3170



198.6880, -20.0592, 40.6156



186.8070, -0.8909, -41.0497

Complementary

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



197.7640, 24.7663, -10.3170



236.2360, -24.7663, 10.3170

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.



190.5790, -15.0754, -18.0478



197.7640, 24.7663, -10.3170



196.5200, -25.3994, 26.7310

Square

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



197.7640, 24.7663, -10.3170



200.5820, -9.1609, 45.0936



193.7300, -24.0239, 5.4988



184.1930, 13.7089, -57.1743

Rectangle

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



197.7640, 24.7663, -10.3170



201.3750, 8.1961, 31.2431



193.7300, -24.0239, 5.4988



187.8850, -5.8593, -34.1021

Sweetspot

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



197.7640, 24.7663, -10.3170



238.4540, 8.1572, -3.0292



228.5500, 5.6448, -37.3164



117.0690, 5.3890, -1.8145



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.



197.7640, 24.7663, -10.3170



192.9470, 30.5921, -12.2315



199.9450, 23.6911, 7.9412



114.6560, 5.0996, -2.3293



35.6340, 75.6094, -31.2510



11.6500, 24.3296, -10.2171

Inverse Universe

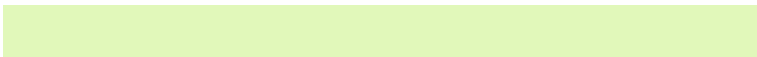
The Inverse Universe completely reimagines the original color for something new.



205.4500, -5.6448, 37.3164



202.7500, -7.2717, 45.8233



234.0550, -23.6911, -7.9412



116.1150, -1.0427, 7.7921



59.2470, -17.3768, 113.7934



19.1510, -5.4974, 36.7016

Previews

White Background



This preview shows how the YUV color 197.7640, 24.7663, -10.3170 looks on a white background.

Color Contrast Check

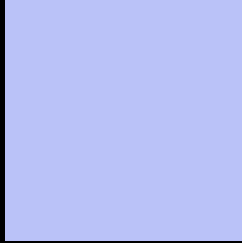
Large Text (above 18pt) WCAG AA × Fail

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 197.7640, 24.7663, -10.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

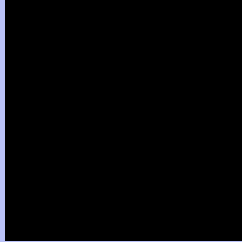
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 197.7640, 24.7663, -10.3170

Background



This preview shows how black text looks on a background with the YUV color 197.7640, 24.7663, -10.3170.



This preview shows how white text looks on a background with the YUV color 197.7640, 24.7663, -10.3170.

-10.3170.

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

197.7640, 24.7663, -10.3170

Protanopia

197.4540, 24.9192, -12.6762

Deuteranopia

198.0740, 24.6135, -7.9579



Tritanopia

195.8440, 9.9369, -13.8952

Trichromacy



Original Color

197.7640, 24.7663, -10.3170

Protanomaly

197.7530, 24.7718, -12.0614

Deuteranomaly

197.7750, 24.7609, -8.5727

Tritanomaly

196.6360, 15.4625, -12.8358

Monochromacy



Original Color

197.7640, 24.7663, -10.3170

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.2690, 8.7414, -3.7439

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.7640, 24.7663, -10.3170 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(186, 194, 248)` looks like.

```
.text, #text, p{  
    color:rgb(186, 194, 248)  
}
```

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(186, 194, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 194, 248) }
```

Border

The CSS property to change the border of an element to YUV 197.7640, 24.7663, -10.3170 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(186, 194, 248) }
```


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

```
.border{ border-color:rgb(186, 194, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 194, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 194, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 194, 248); box-shadow:4px 4px 4px 4px rgb(186, 194, 248) }
```

Background

The CSS property to change the background color of an element to YUV 197.7640, 24.7663, -10.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 194, 248) }
```

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

```
.background{ background-color: rgb(186,  
194, 248) }
```

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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