

# Converting Colors

YUV(204.7680, 24.7644,  
-103.2825)

Have a look what the booklet for  
YUV(204.7680, 24.7644, -103.2825)  
contains.

<b>YUV(204.7680, 24.7644, -103.2825)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(204.7680, 24.7644,  
-103.2825)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57FFFF
RGB	87, 255, 255
RGB Percent	34%, 100%, 100%
CMY	0.6588, 0.0000, 0.0000
CMYK	0.66, 0.00, 0.00, 0.00
HSL	180°, 100%, 67%
HSV	180°, 66%, 100%
XYZ	57.7405, 80.7662, 107.1539
YIQ	204.7680, -100.1280, -35.6160

# Conversions

## Conversions Part 2

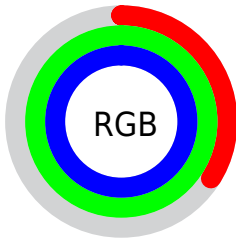
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">87, 171, 255</a>
Decimal	<a href="#">5767167</a>
<a href="#">CIELab</a>	<a href="#">92.03, -42.17, -12.68</a>
<a href="#">CIElCh</a>	<a href="#">92, 44.037, 196.736</a>
<a href="#">Yxy</a>	<a href="#">80.7662, 0.2350, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4283957247</a> ( <a href="#">0xFF57FFFF</a> )
<a href="#">YUV</a>	<a href="#">204.7680, 24.7644, -103.2825</a>
<a href="#">Hunter-Lab</a>	<a href="#">89.8700, -42.5883, -7.7837</a>

# Details

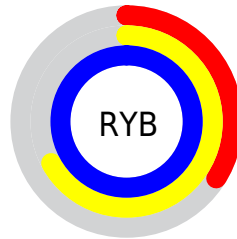
The YUV color **204.7680, 24.7644, -103.2825** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **137.2320, -24.7644, 103.2825**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.3990, 14.5933, -60.8629**, and **138.7980, 29.1866, -121.7258** is the 20% darker color. If you saturate the color by 10%, you get **197.2930, 28.4496, -118.6520**, and if you desaturate by 10%, it is **212.5420, 20.9318, -87.2983**.

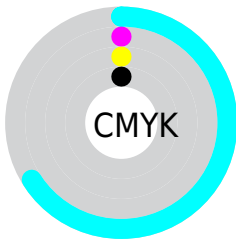
# Distribution



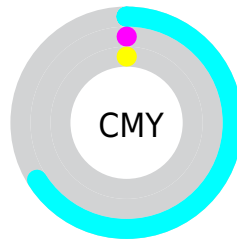
- Red (34%)
- Green (100%)
- Blue (100%)



- Red (34%)
- Yellow (67%)
- Blue (100%)



- Cyan (66%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (0%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 204.7680, 24.7644, -103.2825 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 204.7680, 24.7644, -103.2825 by changing the saturation by 10% instead.



204.7680, 24.7644,  
-103.2825

204.7680, 24.7644,  
-103.2825

255.0000, 0.0000,  
0.0000

170.3860, 27.4177,  
-114.3485

225.3990, 14.5933,  
-60.8629

138.7980, 29.1866,  
-121.7258

234.9670, 9.8763,  
-41.1901

119.2840, 25.4960,  
-104.6121

244.5350, 5.1592,  
-21.5172

100.4710, 21.9528,  
-88.1131

253.8040, 0.5896,  
-2.4591

82.2450, 18.1202,  
-72.1289

64.1330, 14.7244,  
-56.2446

47.4230, 11.6235,

-41.5900

■ 31.3000, 8.2331,  
-27.4501

■ 11.9970, 7.8895,  
-10.5214

■ 204.7680, 24.7644,  
-103.2825

■ 204.7680, 24.7644,  
-103.2825

■ 197.2930, 28.4496,  
-118.6520

■ 212.5420, 20.9318,  
-87.2983

■ 189.5190, 32.2821,  
-134.6362

■ 220.0170, 17.2466,  
-71.9289

■ 182.0440, 35.9673,  
-150.0056

■ 227.7910, 13.4140,  
-55.9447

■ 178.7550, 37.5888,  
-156.7681

■ 235.2660, 9.7289,  
-40.5753

■ 243.0400, 5.8963,  
-24.5911

■ 250.5150, 2.2111,  
-9.2217

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.



214.1150, -1.5357, -67.6299



204.7680, 24.7644, -103.2825



201.2240, 26.5116, -103.6824

# Triad

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



204.7680, 24.7644, -103.2825



230.3460, 12.1544, 21.6216



224.2460, -36.6033, 26.9713

# Complementary

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



204.7680, 24.7644, -103.2825



137.2320, -24.7644, 103.2825

# 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.



218.5360, -22.9422, 31.9789



204.7680, 24.7644, -103.2825



223.6610, 14.4641, 27.4843

# Square

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



204.7680, 24.7644, -103.2825



225.6960, 14.4469, -13.7654



217.5850, -3.7394, 32.8130



227.0820, -38.0014, 8.6981



# Rectangle

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



204.7680, 24.7644, -103.2825



208.7650, 22.7939, -77.8469



217.5850, -3.7394, 32.8130



221.8810, -32.9723, 29.0454

# Sweetspot

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



204.7680, 24.7644, -103.2825



239.7510, 7.5178, -31.3536



185.6160, -48.6177, -86.4862



118.7310, 4.5696, -19.0581



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.



204.7680, 24.7644, -103.2825



194.9010, 29.6288, -123.5702



155.4600, 49.0732, -60.0394



124.1130, 1.9163, -7.9921



133.8910, 28.1547, -117.4224



44.8640, 9.4340, -39.3457



# Inverse Universe

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



156.3840, 48.6177, 86.4862



137.0130, 58.1676, 103.4746



186.5400, -49.0732, 60.0394



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266

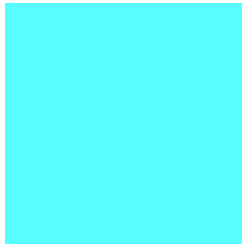


26.4320, 18.5210, 32.9471



# Previews

## White Background



This preview shows how the YUV color 204.7680, 24.7644, -103.2825 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

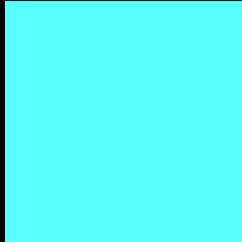
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 204.7680, 24.7644, -103.2825 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 204.7680, 24.7644, -103.2825 Background



This preview shows how black text looks on a background with the YUV color 204.7680, 24.7644, -103.2825.



This preview shows how white text looks on a background with the YUV color 204.7680, 24.7644, -103.2825.

-103.2825.

# Color Blindness Simulation

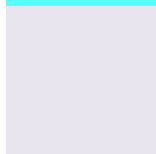
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



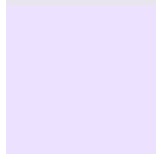
### Original Color

204.7680, 24.7644, -103.2825



### Protanopia

231.0370, 3.9258, 0.8446



### Deuteranopia

232.2960, 11.1931, 3.2484



## Tritanopia

223.1390, 15.7075, -44.8489

# Trichromacy



## Original Color

204.7680, 24.7644, -103.2825



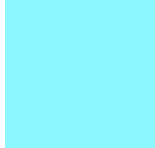
## Protanomaly

221.1570, 11.7546, -36.9717



## Deuteranomaly

222.6070, 15.9697, -35.6123



## Tritanomaly

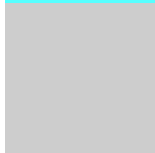
216.2180, 19.1195, -65.9662

# Monochromacy



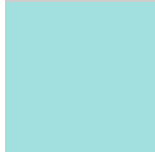
## Original Color

204.7680, 24.7644, -103.2825



## Achromatopsia

205.0000, 0.0000, 0.0000



## Achromatomaly

204.7610, 8.9918, -37.5014

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 204.7680, 24.7644, -103.2825 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(87, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(87, 255, 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(87, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 255, 255) }
```

## Border

The CSS property to change the border of an element to YUV 204.7680, 24.7644, -103.2825 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(87, 255, 255) }
```



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

```
.border{ border-color:rgb(87, 255, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 255, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(87, 255,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 204.7680, 24.7644, -103.2825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 255, 255) }
```

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

```
.background{ background-color: rgb(87, 255,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor