

Converting Colors

YUV(124.3040, -45.5059,
-104.6296)

Have a look what the booklet for
YUV(124.3040, -45.5059, -104.6296)
contains.

YUV(124.3040, -45.5059, -104.6296)	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(124.3040, -45.5059,
-104.6296)**

Conversions

Conversions Part 1

Format	Color
Hex	05CB20
RGB	5, 203, 32
RGB Percent	2%, 80%, 13%
CMY	0.9804, 0.2039, 0.8745
CMYK	0.98, 0.00, 0.84, 0.20
HSL	128°, 95%, 41%
HSV	128°, 98%, 80%
XYZ	21.6792, 42.8484, 8.4945
YIQ	124.3040, -63.1170, -95.1570

Conversions

Conversions Part 2

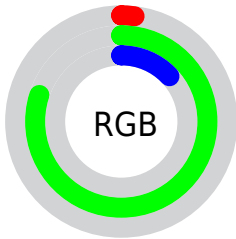
Format	Color
RYB	5, 179, 203
Decimal	379680
CIELab	71.45, -71.45, 65.32
CIELCh	71, 96.810, 137.567
Yxy	42.8484, 0.2969, 0.5868
Android (android.graphics.Color)	4278569760 (0xFF05CB20)
YUV	124.3040, -45.5059, -104.6296
Hunter-Lab	65.4587, -55.4354, 38.1271

Details

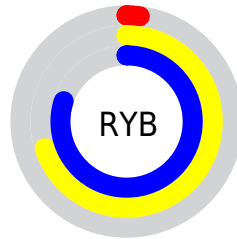
The YUV color **124.3040, -45.5059, -104.6296** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **83.6960, 45.5059, 104.6296**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.7960, -48.2134, -76.1201**, and **86.2890, -42.5405, -75.6755** is the 20% darker color. If you saturate the color by 10%, you get **122.3530, -46.5160, -107.3036**, and if you desaturate by 10%, it is **132.3360, -40.5916, -94.1337**.

Distribution



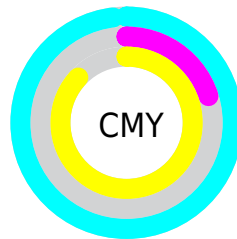
- Red (2%)
- Green (80%)
- Blue (13%)



- Red (2%)
- Yellow (70%)
- Blue (80%)



- Cyan (98%)
- Magenta (0%)
- Yellow (84%)
- Black (20%)



- Cyan (98%)
- Magenta (20%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.3040, -45.5059, -104.6296 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 124.3040, -45.5059, -104.6296 by changing the saturation by 10% instead.

■ 124.3040,
-45.5059, -104.6296

■ 124.3040,
-45.5059, -104.6296

■ 255.0000, 0.0000,
0.0000

■ 102.7250,
-50.6434, -90.0898

■ 191.7960,
-48.2134, -76.1201

■ 86.2890, -42.5405,
-75.6755

■ 204.8550,
-40.8475, -58.6318

■ 70.4400, -34.7269,
-61.7759

■ 217.6150,
-33.3342, -41.7584

■ 55.1780, -27.2028,
-48.3911

■ 230.1900,
-25.2367, -25.5996

■ 39.9160, -19.6786,
-35.0063

■ 242.6510,
-17.5759, -9.3409

■ 25.8280, -12.7332,
-22.6512

■ 252.9480, -7.8624,

■ 5.8700, -2.8939,

1.7996

-5.1480

■ 0.0000, 0.0000,
0.0000

■ 124.3040,
-45.5059, -104.6296

■ 124.3040,
-45.5059, -104.6296

■ 122.3530,
-46.5160, -107.3036

■ 132.3360,
-40.5916, -94.1337

■ 140.5530,
-36.2616, -82.9230

■ 148.5850,
-31.3474, -72.4270

■ 156.5030,
-26.8700, -61.8311

■ 164.8340,
-22.1032, -50.7204

■ 172.7520,
-17.6257, -40.1245

■ 180.7840,
-12.7115, -29.6286

■ 188.7020, -8.2341,
-19.0327

■ 197.0330, -3.4673,
-7.9219

Harmonies

Analogous

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



158.5060, -78.1435, 3.9412



124.3040, -45.5059, -104.6296



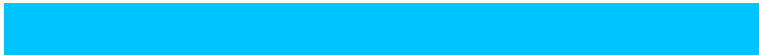
139.1330, -2.5306, -122.0196

Triad

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



124.3040, -45.5059, -104.6296



144.1220, 54.6629, -126.3950



128.9920, -0.4891, 110.5090

Complementary

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



124.3040, -45.5059, -104.6296



83.6960, 45.5059, 104.6296

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.



141.3720, 36.7916, 99.6518



124.3040, -45.5059, -104.6296



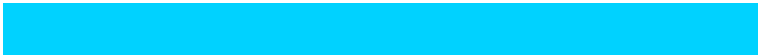
138.4500, 57.4592, -89.8486

Square

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



124.3040, -45.5059, -104.6296



152.3400, 50.6114, -133.6022



173.3300, 40.2633, 59.3466



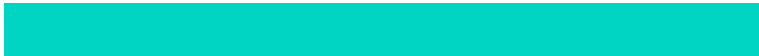
147.7230, -53.1074, 94.0819

Rectangle

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



124.3040, -45.5059, -104.6296



147.3750, 23.9721, -129.2479



173.3300, 40.2633, 59.3466



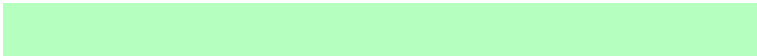
127.0150, 14.7826, 112.2428

Sweetspot

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



124.3040, -45.5059, -104.6296



225.5780, -17.0470, -39.0949



172.6540, -82.6534, 3.8114



110.0990, -10.4018, -23.7658



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.



124.3040, -45.5059, -104.6296



153.6750, -58.5068, -134.7730



135.4760, -2.6997, -114.4275



97.9840, -2.4571, -5.2480



100.0640, -37.9926, -87.7561



22.8760, -8.8129, -20.0623

Inverse Universe

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



83.6960, 45.5059, 104.6296



101.3250, 58.5068, 134.7730



72.5240, 2.6997, 114.4275



96.0160, 2.4571, 5.2480



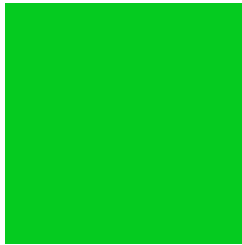
65.9360, 37.9926, 87.7561



15.1240, 8.8129, 20.0623

Previews

White Background



This preview shows how the YUV color 124.3040, -45.5059, -104.6296 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 124.3040, -45.5059, -104.6296 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 124.3040, -45.5059, -104.6296 Background



This preview shows how black text looks on a background with the YUV color 124.3040, -45.5059, -104.6296.



This preview shows how white text looks on a background with the YUV color 124.3040, -45.5059, -104.6296.

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

124.3040, -45.5059, -104.6296

Protanopia

163.4780, -68.7627, 28.5218

Deuteranopia

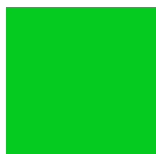
167.7800, -56.5865, 43.1659



Tritanopia

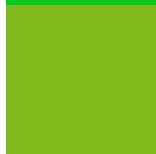
159.6140, 21.8823, -65.4365

Trichromacy



Original Color

124.3040, -45.5059, -104.6296



Protanomaly

149.6460, -60.4645, -19.8605



Deuteranomaly

152.0630, -52.7821, -10.5793



Tritanomaly

146.6960, -2.8081, -79.5404

Monochromacy



Original Color

124.3040, -45.5059, -104.6296



Achromatopsia

124.0000, 0.0000, 0.0000



Achromatomaly

124.4040, -16.4682, -38.0653

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.3040, -45.5059, -104.6296 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(5, 203, 32)` looks like.

```
.text, #text, p{  
    color:rgb(5, 203, 32)  
}
```

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(5, 203, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 203, 32) }
```

Border

The CSS property to change the border of an element to YUV 124.3040, -45.5059, -104.6296 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(5, 203, 32) }
```


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

```
.border{ border-color:rgb(5, 203, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 203, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 203, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 203, 32);  
box-shadow:4px 4px 4px 4px rgb(5, 203, 32)  
}
```

Background

The CSS property to change the background color of an element to YUV 124.3040, -45.5059, -104.6296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 203, 32) }
```

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

```
.background{ background-color: rgb(5, 203,  
32) }
```

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