

Converting Colors

YUV(155.5090, 41.6541,
-13.6014)

Have a look what the booklet for
YUV(155.5090, 41.6541, -13.6014)
contains.

YUV(155.5090, 41.6541, -13.6014)	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(155.5090, 41.6541,
-13.6014)**

Conversions

Conversions Part 1

Format	Color
Hex	8C93F0
RGB	140, 147, 240
RGB Percent	55%, 58%, 94%
CMY	0.4510, 0.4235, 0.0588
CMYK	0.42, 0.39, 0.00, 0.06
HSL	236°, 77%, 75%
HSV	236°, 42%, 94%
XYZ	36.9771, 32.7342, 86.8075
YIQ	155.5090, -34.0250, 27.4390

Conversions

Conversions Part 2

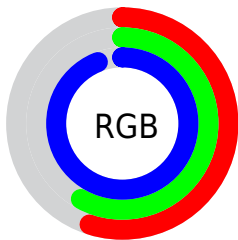
Format	Color
R _Y B	140, 147, 240
Decimal	9212912
CIE Lab	63.95, 20.42, -47.61
CIE LCh	64, 51.807, 293.209
Yxy	32.7342, 0.2362, 0.2091
Android (android.graphics.Color)	4287402992 (0xFF8C93F0)
YUV	155.5090, 41.6541, -13.6014
Hunter-Lab	57.2138, 15.2400, -49.9080

Details

The YUV color **155.5090, 41.6541, -13.6014** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **224.4910, -41.6541, 13.6014**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.9600, 24.1767, -7.8579**, and **102.9170, 39.4809, -16.5902** is the 20% darker color. If you saturate the color by 10%, you get **135.4190, 51.5584, -17.0305**, and if you desaturate by 10%, it is **175.5990, 31.7497, -10.1723**.

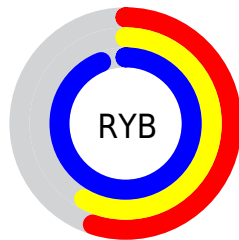
Distribution



Red (55%)

Green (58%)

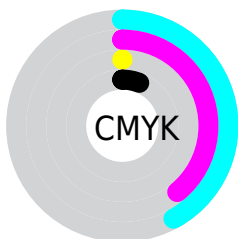
Blue (94%)



Red (55%)

Yellow (58%)

Blue (94%)

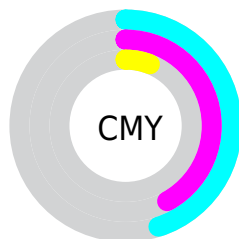


Cyan (42%)

Magenta (39%)

Yellow (0%)

Black (6%)



Cyan (45%)

Magenta (42%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.5090, 41.6541, -13.6014 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 155.5090, 41.6541, -13.6014 by changing the saturation by 10% instead.

■ 155.5090, 41.6541,
-13.6014

■ 155.5090, 41.6541,
-13.6014

255.0000, 0.0000,
0.0000

■ 128.5690, 40.6385,
-14.5310

■ 205.9600, 24.1767,
-7.8579

■ 102.9170, 39.4809,
-16.5902

■ 231.0670, 11.7990,
-4.4438

■ 77.0800, 38.9076,
-19.3642

■ 50.1390, 39.3715,
-28.1859

■ 29.4660, 36.7453,
-25.8417

■ 13.7020, 32.1919,
-12.0167

■ 9.3190, 23.0137,

-8.1728

■ 4.9360, 13.8356,
-4.3289

■ 0.7980, 3.0576,
-0.6998

■ 155.5090, 41.6541,
-13.6014

■ 155.5090, 41.6541,
-13.6014

■ 135.4190, 51.5584,
-17.0305

■ 175.5990, 31.7497,
-10.1723

■ 114.7420, 61.7522,
-19.9447

■ 196.2760, 21.5559,
-7.2581

■ 94.6520, 71.6566,
-23.3738

■ 216.3660, 11.6516,
-3.8290

■ 74.5620, 81.5609,
-26.8029

■ 236.4560, 1.7472,
-0.3999

■ 53.8850, 91.7547,
-29.7171

■ 253.2900, -6.5520,
1.4997

■ 37.3390, 99.9119,
-32.7463

Harmonies

Analogous

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



123.7250, 60.2816, -108.5068



155.5090, 41.6541, -13.6014



159.5880, 25.3461, 37.1953

Triad

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



155.5090, 41.6541, -13.6014



153.2210, -35.1120, 62.0732



120.2010, 11.2399, -105.4163

Complementary

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



155.5090, 41.6541, -13.6014



224.4910, -41.6541, 13.6014

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.



139.2200, -20.8145, -44.0429



155.5090, 41.6541, -13.6014



150.9990, -45.3555, 34.2039

Square

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



155.5090, 41.6541, -13.6014



154.2330, -16.3839, 75.2177



146.7450, -40.3003, -0.6534



126.1460, 31.4800, -110.6300

Rectangle

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



155.5090, 41.6541, -13.6014



158.2890, 12.1825, 59.3825



146.7450, -40.3003, -0.6534



121.0790, 2.9191, -96.5393

Sweetspot

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



155.5090, 41.6541, -13.6014



226.9360, 13.8356, -4.3289



209.1880, 11.2463, -60.6779



110.5680, 8.5940, -3.1291



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.



155.5090, 41.6541, -13.6014



147.1740, 53.1582, -16.8156



163.9580, 37.4887, 15.8228



109.9550, 4.9522, -1.7145



28.6070, 76.6087, -25.0883



8.7320, 23.3031, -7.6580

Inverse Universe

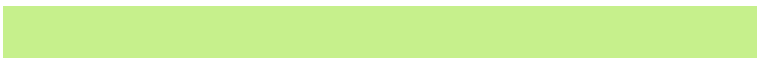
The Inverse Universe completely reimagines the original color for something new.



170.6980, -11.6831, 60.7779



166.8850, -15.2263, 77.2769



216.0420, -37.4887, -15.8228



111.7020, -1.3321, 7.2773



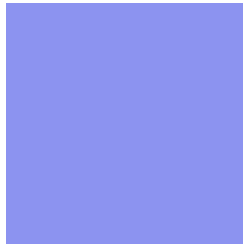
56.4980, -21.4445, 111.8193



17.2000, -6.5076, 34.0276

Previews

White Background



This preview shows how the YUV color 155.5090, 41.6541, -13.6014 looks on a white background.

Color Contrast Check

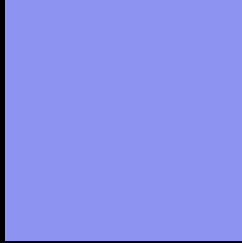
Large Text (above 18pt) WCAG AA × Fail

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 155.5090, 41.6541, -13.6014 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 155.5090, 41.6541, -13.6014 Background



This preview shows how black text looks on a background with the YUV color 155.5090, 41.6541, -13.6014.



This preview shows how white text looks on a background with the YUV color 155.5090, 41.6541, -13.6014.

-13.6014.

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

155.5090, 41.6541, -13.6014

Protanopia

152.9200, 44.9024, -28.8708

Deuteranopia

151.0180, 42.8821, -34.2188



Tritanopia

151.1200, 11.2798, -24.6612

Trichromacy



Original Color

155.5090, 41.6541, -13.6014

Protanomaly

153.7250, 44.0126, -23.4378

Deuteranomaly

152.3610, 42.7130, -26.6266

Tritanomaly

152.7150, 22.3255, -20.7981

Monochromacy



Original Color

155.5090, 41.6541, -13.6014

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.9790, 15.2934, -5.2436

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.5090, 41.6541, -13.6014 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(140, 147, 240)` looks like.

```
.text, #text, p{  
    color:rgb(140, 147, 240)  
}
```

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(140, 147, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 147, 240) }
```

Border

The CSS property to change the border of an element to YUV 155.5090, 41.6541, -13.6014 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(140, 147, 240) }
```


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

```
.border{ border-color:rgb(140, 147, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 147, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 147, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 147, 240);  
box-shadow:4px 4px 4px 4px rgb(140, 147,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 155.5090, 41.6541, -13.6014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 147, 240) }
```

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

```
.background{ background-color: rgb(140,  
147, 240) }
```

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