

Converting Colors

YUV(143.3240, 55.0563,
-112.5401)

Have a look what the booklet for
YUV(143.3240, 55.0563, -112.5401)
contains.

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Color

**YUV(143.3240, 55.0563,
-112.5401)**

Conversions

Conversions Part 1

Format	Color
Hex	0FBBFF
RGB	15, 187, 255
RGB Percent	6%, 73%, 100%
CMY	0.9412, 0.2667, 0.0000
CMYK	0.94, 0.27, 0.00, 0.00
HSL	197°, 100%, 53%
HSV	197°, 94%, 100%
XYZ	36.0173, 42.8622, 100.9827
YIQ	143.3240, -124.3400, -15.3160

Conversions

Conversions Part 2

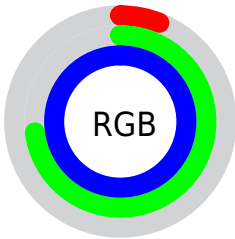
Format	Color
R_{YB}	15, 115, 255
Decimal	1031167
CIE _{Lab}	71.46, -15.17, -44.25
CIE _{LCh}	71, 46.773, 251.079
Yxy	42.8622, 0.2002, 0.2383
Android (android.graphics.Color)	4279221247 (0xFF0FBFFF)
YUV	143.3240, 55.0563, -112.5401
Hunter-Lab	65.4692, -16.3709, -45.6231

Details

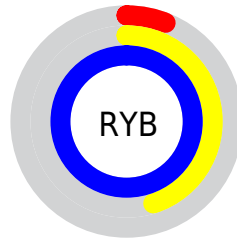
The YUV color **143.3240, 55.0563, -112.5401** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **126.6760, -55.0563, 112.5401**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.3950, 23.9623, -79.2764**, and **101.2300, 47.7076, -88.7787** is the 20% darker color. If you saturate the color by 10%, you get **136.4910, 58.4249, -119.7026**, and if you desaturate by 10%, it is **155.2070, 49.1979, -100.1595**.

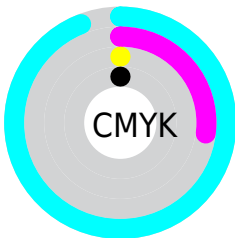
Distribution



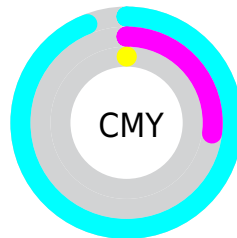
- Red (6%)
- Green (73%)
- Blue (100%)



- Red (6%)
- Yellow (45%)
- Blue (100%)



- Cyan (94%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (94%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.3240, 55.0563, -112.5401 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 143.3240, 55.0563, -112.5401 by changing the saturation by 10% instead.

■ 143.3240, 55.0563,
-112.5401

■ 143.3240, 55.0563,
-112.5401

■ 255.0000, 0.0000,
0.0000

■ 119.6840, 52.4138,
-104.9629

■ 206.3950, 23.9623,
-79.2764

■ 101.2300, 47.7076,
-88.7787

■ 223.6050, 15.4777,
-64.5516

■ 83.3630, 42.7120,
-73.1094

■ 233.1730, 10.7607,
-44.8787

■ 65.7240, 38.5901,
-57.6399

■ 242.7410, 6.0437,
-25.2059

■ 49.2590, 33.8893,
-43.2001

■ 252.3090, 1.3267,
-5.5330

■ 34.0820, 29.0466,
-29.8899

■ 17.2580, 25.5088,

-15.1353

■ 7.0050, 19.2245,
-6.1434

■ 3.3230, 10.1938,
-2.9143

■ 143.3240, 55.0563,
-112.5401

■ 143.3240, 55.0563,
-112.5401

■ 136.4910, 58.4249,
-119.7026

■ 155.2070, 49.1979,
-100.1595

■ 166.7910, 43.4870,
-88.3937

■ 179.2610, 37.3393,
-76.5279

■ 190.8450, 31.6284,
-64.7621

■ 202.7280, 25.7701,
-52.3815

■ 214.3120, 20.0592,
-40.6156

■ 226.7820, 13.9115,
-28.7498

■ 238.3660, 8.2006,
-16.9840

■ 250.2490, 2.3422,
-4.6034

Harmonies

Analogous

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



140.6850, 44.0323, -123.3807



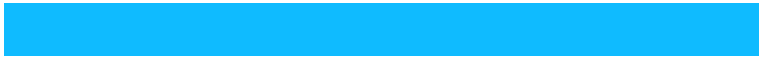
143.3240, 55.0563, -112.5401



171.5730, 41.1295, -32.0745

Triad

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



143.3240, 55.0563, -112.5401



176.7790, -7.7790, 68.5998



164.9300, -27.5735, -22.7406

Complementary

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



143.3240, 55.0563, -112.5401



126.6760, -55.0563, 112.5401

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.



170.2460, -40.0543, 13.8163



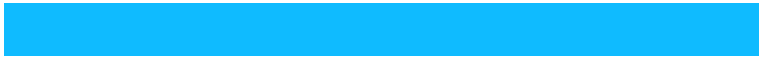
143.3240, 55.0563, -112.5401



175.1210, -26.6817, 64.7919

Square

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



143.3240, 55.0563, -112.5401



179.5440, 12.0568, 53.0199



173.3730, -39.1309, 44.3999



155.0290, -4.4513, -65.8004

Rectangle

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



143.3240, 55.0563, -112.5401



178.0720, 34.4745, 2.5679



173.3730, -39.1309, 44.3999



166.6390, -32.8530, -9.3304

Sweetspot

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



143.3240, 55.0563, -112.5401



222.0310, 16.2537, -33.3532



163.6320, -39.7516, -130.3503



107.2130, 10.2480, -20.3578



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.



143.3240, 55.0563, -112.5401



136.4910, 58.4249, -119.7026



72.8840, 89.7832, -50.7643



121.7650, 3.0739, -5.9329



102.1930, 43.7819, -89.6233



34.2980, 14.6431, -30.0793

Inverse Universe

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



106.3680, 39.7516, 130.3503



97.1070, 42.3452, 138.4722



197.1160, -89.7832, 50.7643



119.9130, 2.0149, 7.0923



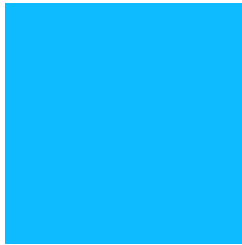
72.7270, 31.6866, 103.7254



24.3800, 10.6587, 34.7467

Previews

White Background



This preview shows how the YUV color 143.3240, 55.0563, -112.5401 looks on a white background.

Color Contrast Check

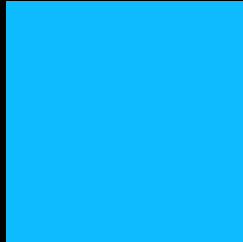
Large Text (above 18pt) WCAG AA × Fail

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 143.3240, 55.0563, -112.5401 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

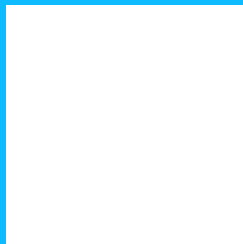
Any Text WCAG AAA ✓ Pass

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

YUV 143.3240, 55.0563, -112.5401 Background



This preview shows how black text looks on a background with the YUV color 143.3240, 55.0563, -112.5401.



This preview shows how white text looks on a background with the YUV color 143.3240, 55.0563, -112.5401.

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

143.3240, 55.0563, -112.5401

Protanopia

173.4130, 33.8134, -18.7792

Deuteranopia

171.8830, 40.9767, -29.7154



Tritanopia

137.0030, 35.0015, -120.1516

Trichromacy



Original Color

143.3240, 55.0563, -112.5401

Protanomaly

162.5550, 41.6314, -53.1067

Deuteranomaly

161.3630, 46.1630, -59.9544

Tritanomaly

139.2620, 42.2688, -117.7478

Monochromacy



Original Color

143.3240, 55.0563, -112.5401

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

143.0130, 20.2066, -41.2304

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.3240, 55.0563, -112.5401 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(15, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(15, 187, 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(15, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 187, 255) }
```

Border

The CSS property to change the border of an element to YUV 143.3240, 55.0563, -112.5401 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(15, 187, 255) }
```


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

```
.border{ border-color:rgb(15, 187, 255) }
```

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

Here you see how a box with a 4 pixel rgb(15, 187, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(15, 187,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 143.3240, 55.0563, -112.5401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 187, 255) }
```

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

```
.background{ background-color: rgb(15, 187,  
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](#).

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