

Converting Colors

YUV(113.5570, 65.2944,
-82.9265)

Have a look what the booklet for
YUV(113.5570, 65.2944, -82.9265)
contains.

YUV(113.5570, 65.2944, -82.9265)	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(113.5570, 65.2944,
-82.9265)**

Conversions

Conversions Part 1

Format	Color
Hex	1388F6
RGB	19, 136, 246
RGB Percent	7%, 53%, 96%
CMY	0.9255, 0.4667, 0.0353
CMYK	0.92, 0.45, 0.00, 0.04
HSL	209°, 93%, 52%
HSV	209°, 92%, 96%
XYZ	25.7073, 24.4006, 90.5436
YIQ	113.5570, -105.0420, 9.4060

Conversions

Conversions Part 2

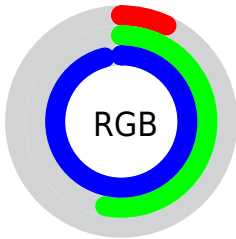
Format	Color
R_{YB}	19, 96, 246
Decimal	1280246
CIE _{Lab}	56.49, 10.91, -63.10
CIE _{LCh}	56, 64.033, 279.810
Yxy	24.4006, 0.1828, 0.1735
Android (android.graphics.Color)	4279470326 (0xFF1388F6)
YUV	113.5570, 65.2944, -82.9265
Hunter-Lab	49.3970, 6.4507, -74.0995

Details

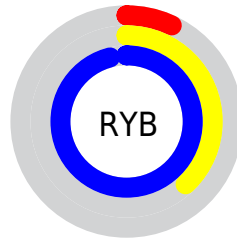
The YUV color **113.5570, 65.2944, -82.9265** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **151.4430, -65.2944, 82.9265**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.8000, 40.0316, -53.3216**, and **72.6150, 57.3778, -63.6834** is the 20% darker color. If you saturate the color by 10%, you get **102.5930, 70.6997, -89.9741**, and if you desaturate by 10%, it is **128.0760, 58.1365, -73.7347**.

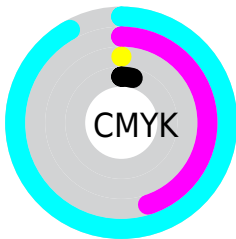
Distribution



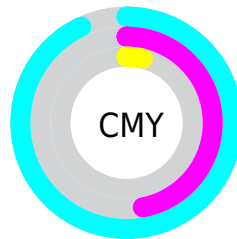
- Red (7%)
- Green (53%)
- Blue (96%)



- Red (7%)
- Yellow (38%)
- Blue (96%)



- Cyan (92%)
- Magenta (45%)
- Yellow (0%)
- Black (4%)



- Cyan (93%)
- Magenta (47%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.5570, 65.2944, -82.9265 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 113.5570, 65.2944, -82.9265 by changing the saturation by 10% instead.

■ 113.5570, 65.2944,
-82.9265

■ 113.5570, 65.2944,
-82.9265

■ 255.0000, 0.0000,
0.0000

■ 89.8950, 62.6628,
-78.8379

■ 173.8000, 40.0316,
-53.3216

■ 72.6150, 57.3778,
-63.6834

■ 199.5160, 27.3536,
-46.9335

■ 56.5090, 51.5141,
-49.5584

■ 225.8190, 14.3862,
-41.0603

■ 41.1040, 45.7977,
-36.0482

■ 241.5450, 6.6333,
-27.6650

■ 27.5740, 39.6500,
-24.1824

■ 251.1130, 1.9163,
-7.9921

■ 15.9190, 33.0709,
-13.9610

■ 10.2480, 24.0347,

-8.9875

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 113.5570, 65.2944,
-82.9265

■ 113.5570, 65.2944,
-82.9265

■ 102.5930, 70.6997,
-89.9741

■ 128.0760, 58.1365,
-73.7347

■ 142.2960, 51.1261,
-65.1576

■ 156.8150, 43.9682,
-55.9658

■ 171.0350, 36.9577,
-47.3887

■ 185.5540, 29.7999,
-38.1969

■ 200.0730, 22.6420,
-29.0050

■ 213.7060, 15.9209,
-19.9132

■ 228.2250, 8.7631,
-10.7213

■ 242.4450, 1.7526,
-2.1443

Harmonies

Analogous

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



116.5840, 60.8441, -102.2442



113.5570, 65.2944, -82.9265



139.1910, 40.8248, 19.1265

Triad

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



113.5570, 65.2944, -82.9265



130.0910, -31.1039, 83.2352



104.1630, -4.5174, -91.3510

Complementary

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



113.5570, 65.2944, -82.9265



151.4430, -65.2944, 82.9265

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.



118.9000, -38.8977, -30.6073



113.5570, 65.2944, -82.9265



129.0850, -55.7509, 55.1765

Square

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



113.5570, 65.2944, -82.9265



129.7310, -4.7974, 92.3209



124.9480, -61.5994, 17.5856



111.9490, 20.2381, -98.1793

Rectangle

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



113.5570, 65.2944, -82.9265



137.1650, 27.0337, 55.9833



124.9480, -61.5994, 17.5856



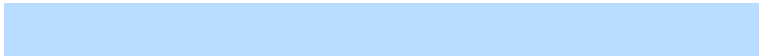
100.8230, -12.2377, -88.4218

Sweetspot

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



113.5570, 65.2944, -82.9265



213.2260, 20.5946, -25.6312



164.7890, -17.6440, -127.8570



101.9300, 12.8525, -15.7246



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.



113.5570, 65.2944, -82.9265



105.9670, 73.4733, -92.9331



47.2260, 97.9956, -24.7542



114.8900, 3.5052, -4.2885



77.5560, 53.4629, -68.0166



24.3360, 17.0894, -21.3427

Inverse Universe

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



100.2110, 17.6440, 127.8570



91.1790, 19.6318, 143.6710



217.7740, -97.9956, 24.7542



114.2720, 0.8519, 6.7775



66.5580, 14.5149, 104.7506



21.0610, 4.4069, 33.2725

Previews

White Background



This preview shows how the YUV color 113.5570, 65.2944, -82.9265 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 113.5570, 65.2944, -82.9265 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

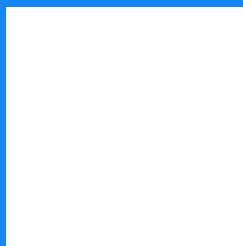
Any Text WCAG AAA × Fail

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

YUV 113.5570, 65.2944, -82.9265 Background



This preview shows how black text looks on a background with the YUV color 113.5570, 65.2944, -82.9265.



This preview shows how white text looks on a background with the YUV color 113.5570, 65.2944, -82.9265.

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

113.5570, 65.2944, -82.9265

Protanopia

128.8890, 55.2707, -41.1217

Deuteranopia

108.0070, 66.0585, -94.7221



Tritanopia

106.2900, 26.4790, -93.2163

Trichromacy



Original Color

113.5570, 65.2944, -82.9265

Protanomaly

123.4140, 58.9559, -56.4911

Deuteranomaly

110.2140, 65.4635, -90.5187

Tritanomaly

108.9820, 40.4349, -89.4382

Monochromacy



Original Color

113.5570, 65.2944, -82.9265

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7030, 23.8104, -30.4345

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.5570, 65.2944, -82.9265 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(19, 136, 246)` looks like.

```
.text, #text, p{  
    color:rgb(19, 136, 246)  
}
```

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(19, 136, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 136, 246) }
```

Border

The CSS property to change the border of an element to YUV 113.5570, 65.2944, -82.9265 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(19, 136, 246) }
```


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

```
.border{ border-color:rgb(19, 136, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 136, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 136, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 136, 246);  
box-shadow:4px 4px 4px 4px rgb(19, 136,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 113.5570, 65.2944, -82.9265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 136, 246) }
```

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

```
.background{ background-color: rgb(19, 136,  
246) }
```

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