

Converting Colors

YUV(113.1320, 66.4899,
-93.0778)

Have a look what the booklet for
YUV(113.1320, 66.4899, -93.0778)
contains.

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Color

**YUV(113.1320, 66.4899,
-93.0778)**

Conversions

Conversions Part 1

Format	Color
Hex	078DF8
RGB	7, 141, 248
RGB Percent	3%, 55%, 97%
CMY	0.9725, 0.4471, 0.0275
CMYK	0.97, 0.43, 0.00, 0.03
HSL	207°, 95%, 50%
HSV	207°, 97%, 97%
XYZ	26.5558, 25.8722, 92.4011
YIQ	113.1320, -114.2110, 4.8690

Conversions

Conversions Part 2

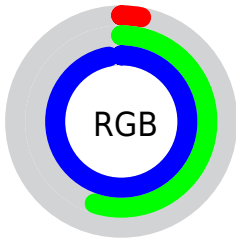
Format	Color
R_{YB}	7, 93, 248
Decimal	495096
CIE _{Lab}	57.92, 8.27, -61.91
CIE _{LCh}	58, 62.461, 277.608
Yxy	25.8722, 0.1834, 0.1786
Android (android.graphics.Color)	4278685176 (0xFF078DF8)
YUV	113.1320, 66.4899, -93.0778
Hunter-Lab	50.8648, 4.1790, -72.1011

Details

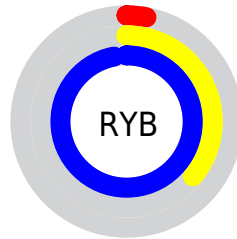
The YUV color **113.1320, 66.4899, -93.0778** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **141.8680, -66.4899, 93.0778**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.1370, 38.8795, -57.1251**, and **75.7780, 56.8044, -66.4573** is the 20% darker color. If you saturate the color by 10%, you get **109.2780, 68.3899, -95.8368**, and if you desaturate by 10%, it is **127.0640, 59.6214, -83.3711**.

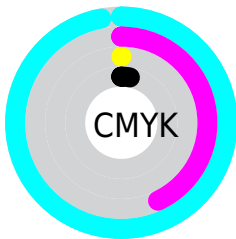
Distribution



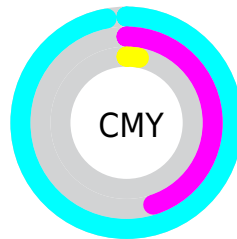
- Red (3%)
- Green (55%)
- Blue (97%)



- Red (3%)
- Yellow (36%)
- Blue (97%)



- Cyan (97%)
- Magenta (43%)
- Yellow (0%)
- Black (3%)



- Cyan (97%)
- Magenta (45%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.1320, 66.4899, -93.0778 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 113.1320, 66.4899, -93.0778 by changing the saturation by 10% instead.

■ 113.1320, 66.4899,
-93.0778

■ 113.1320, 66.4899,
-93.0778

■ 255.0000, 0.0000,
0.0000

■ 93.0580, 62.0894,
-81.6119

■ 176.1370, 38.8795,
-57.1251

■ 75.7780, 56.8044,
-66.4573

■ 202.7390, 25.7647,
-50.6371

■ 59.0850, 51.2301,
-51.8175

■ 228.7430, 12.9447,
-45.3786

■ 43.6800, 45.5138,
-38.3074

■ 241.2460, 6.7807,
-28.2797

■ 29.5630, 39.6554,
-25.9268

■ 250.8140, 2.0637,
-8.6069

■ 16.7340, 33.6551,
-14.6757

■ 10.4760, 24.9083,

-9.1875

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 113.1320, 66.4899,
-93.0778

■ 113.1320, 66.4899,
-93.0778

■ 109.2780, 68.3899,
-95.8368

■ 127.0640, 59.6214,
-83.3711

■ 140.9960, 52.7530,
-73.6645

■ 154.6290, 46.0319,
-64.5726

■ 168.5610, 39.1634,
-54.8660

■ 182.4930, 32.2950,
-45.1594

■ 196.4250, 25.4265,
-35.4527

■ 210.3570, 18.5580,
-25.7461

■ 223.9900, 11.8369,
-16.6542

■ 237.9220, 4.9685,
-6.9476

Harmonies

Analogous

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



118.9320, 59.6865, -104.3034



113.1320, 66.4899, -93.0778



142.5710, 41.1305, 14.4082

Triad

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



113.1320, 66.4899, -93.0778



134.5470, -29.3567, 82.8353



105.9240, -5.3855, -92.8953

Complementary

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



113.1320, 66.4899, -93.0778



141.8680, -66.4899, 93.0778

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.



123.8190, -39.3508, -25.2743



113.1320, 66.4899, -93.0778



133.9480, -51.2464, 57.0506

Square

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



113.1320, 66.4899, -93.0778



134.6490, -3.7710, 89.7618



128.6280, -62.9206, 21.3742



114.1830, 18.6438, -100.1385

Rectangle

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



113.1320, 66.4899, -93.0778



142.6590, 27.7761, 51.1651



128.6280, -62.9206, 21.3742



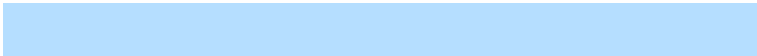
109.8740, -16.2069, -75.3115

Sweetspot

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



113.1320, 66.4899, -93.0778



213.5030, 20.4580, -28.5051



160.3230, -24.3162, -134.4643



102.8050, 12.4211, -17.3690



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.



113.1320, 66.4899, -93.0778



112.4240, 70.2900, -98.5958



43.8660, 100.6381, -32.3315



117.5910, 3.6526, -4.9033



83.1810, 52.1688, -72.9497



26.9120, 16.8054, -23.6018

Inverse Universe

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



94.3350, 23.0058, 134.7642



92.4330, 24.4365, 142.5713



211.1340, -100.6381, 32.3315



116.6850, 1.1413, 7.2923



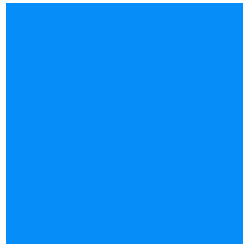
68.4810, 18.0039, 105.6952



22.1150, 5.8593, 34.1021

Previews

White Background



This preview shows how the YUV color 113.1320, 66.4899, -93.0778 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 113.1320, 66.4899, -93.0778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

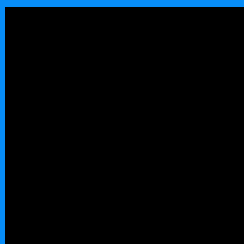
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

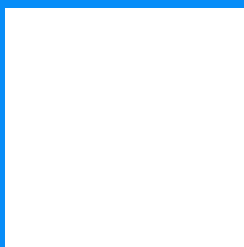
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 113.1320, 66.4899, -93.0778

Background



This preview shows how black text looks on a background with the YUV color 113.1320, 66.4899, -93.0778.



This preview shows how white text looks on a background with the YUV color 113.1320, 66.4899, -93.0778.

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

113.1320, 66.4899, -93.0778

Protanopia

133.7430, 53.3707, -38.3626

Deuteranopia

118.5140, 63.8366, -82.0118



Tritanopia

109.0940, 27.0687, -95.6754

Trichromacy



Original Color

113.1320, 66.4899, -93.0778

Protanomaly

126.1750, 58.0877, -58.0355

Deuteranomaly

116.4210, 64.8684, -86.3152

Tritanomaly

110.5900, 41.6141, -94.3564

Monochromacy



Original Color

113.1320, 66.4899, -93.0778

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.7950, 24.2581, -34.0232

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.1320, 66.4899, -93.0778 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(7, 141, 248)` looks like.

```
.text, #text, p{  
    color:rgb(7, 141, 248)  
}
```

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(7, 141, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 141, 248) }
```

Border

The CSS property to change the border of an element to YUV 113.1320, 66.4899, -93.0778 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(7, 141, 248) }
```


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

```
.border{ border-color:rgb(7, 141, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 141, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 141, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 141, 248);  
box-shadow:4px 4px 4px 4px rgb(7, 141,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 113.1320, 66.4899, -93.0778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 141, 248) }
```

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

```
.background{ background-color: rgb(7, 141,  
248) }
```

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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