

Converting Colors

YUV(66.0820, 93.1366, -6.2109)

Have a look what the booklet for
YUV(66.0820, 93.1366, -6.2109)
contains.

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Color

**YUV(66.0820, 93.1366,
-6.2109)**

Conversions

Conversions Part 1

Format	Color
Hex	3B21FF
RGB	59, 33, 255
RGB Percent	23%, 13%, 100%
CMY	0.7686, 0.8706, 0.0000
CMYK	0.77, 0.87, 0.00, 0.00
HSL	247°, 100%, 56%
HSV	247°, 87%, 100%
XYZ	20.3975, 9.2375, 95.3157
YIQ	66.0820, -55.7660, 74.5540

Conversions

Conversions Part 2

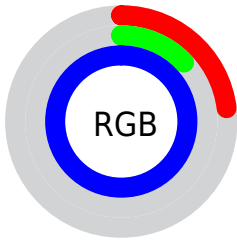
Format	Color
R _Y B	59, 33, 255
Decimal	3875327
CIE Lab	36.44, 73.33, -100.91
CIE LCh	36, 124.741, 306.004
Yxy	9.2375, 0.1632, 0.0739
Android (android.graphics.Color)	4282065407 (0xFF3B21FF)
YUV	66.0820, 93.1366, -6.2109
Hunter-Lab	30.3933, 66.6063, -164.6627

Details

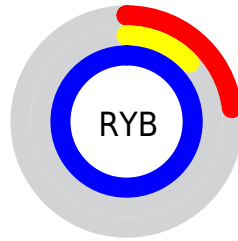
The YUV color **66.0820, 93.1366, -6.2109** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **221.9180, -93.1366, 6.2109**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.8740, 65.1381, 14.1425**, and **22.3440, 85.6124, -19.5957** is the 20% darker color. If you saturate the color by 10%, you get **44.5300, 103.7617, -7.4808**, and if you desaturate by 10%, it is **87.6340, 82.5114, -4.9410**.

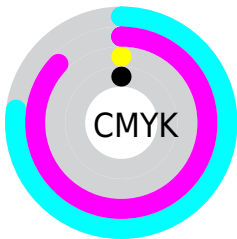
Distribution



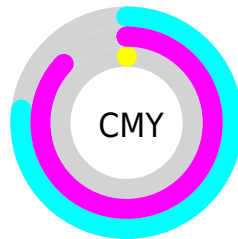
- Red (23%)
- Green (13%)
- Blue (100%)



- Red (23%)
- Yellow (13%)
- Blue (100%)



- Cyan (77%)
- Magenta (87%)
- Yellow (0%)
- Black (0%)



- Cyan (77%)
- Magenta (87%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.0820, 93.1366, -6.2109 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 66.0820, 93.1366, -6.2109 by changing the saturation by 10% instead.

■ 66.0820, 93.1366,
-6.2109

■ 66.0820, 93.1366,
-6.2109

■ 255.0000, 0.0000,
0.0000

■ 25.6500, 98.2796,
-22.4951

■ 122.8740, 65.1381,
14.1425

■ 22.3440, 85.6124,
-19.5957

■ 148.5900, 52.4601,
20.5306

■ 19.1520, 73.3821,
-16.7963

■ 174.3060, 39.7821,
26.9186

■ 16.0740, 61.5885,
-14.0969

■ 200.6090, 26.8148,
32.7919

■ 18.8660, 46.9011,
-16.5455

■ 222.1280, 16.2059,
28.8287

■ 17.0760, 34.9655,
-14.9757

■ 239.1510, 7.8136,

■ 11.4050, 25.9293,

13.8996

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 66.0820, 93.1366,
-6.2109

■ 66.0820, 93.1366,
-6.2109

■ 44.5300, 103.7617,
-7.4808

■ 87.6340, 82.5114,
-4.9410

■ 38.0400, 106.9613,
-7.0511

■ 109.4740, 71.7443,
-4.8007

■ 131.0260, 61.1192,
-3.5308

■ 152.8660, 50.3521,
-3.3905

■ 175.0050, 39.4375,
-2.6354

■ 196.2580, 28.9598,
-1.9803

■ 217.8100, 18.3347,
-0.7104

■ 239.6500, 7.5676,
-0.5700

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



87.7700, 82.4444, -76.9743



66.0820, 93.1366, -6.2109



81.8710, 43.4476, 111.4921

Triad

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



66.0820, 93.1366, -6.2109



70.1790, -34.5982, 84.0350



79.4750, 12.5838, -69.6996

Complementary

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



66.0820, 93.1366, -6.2109



221.9180, -93.1366, 6.2109

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.



65.7440, -32.4118, -57.6575



66.0820, 93.1366, -6.2109



78.8430, -38.8696, 7.1537

Square

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



66.0820, 93.1366, -6.2109



65.7800, -32.4295, 135.2509



62.8090, -30.9648, -55.0835



93.2230, 55.1061, -81.7566

Rectangle

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



66.0820, 93.1366, -6.2109



83.0180, 10.3441, 135.9192



62.8090, -30.9648, -55.0835



74.7840, -2.8515, -65.5856

Sweetspot

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



66.0820, 93.1366, -6.2109



198.6170, 27.7968, -2.2951



173.3600, 40.2485, -123.0957



94.0550, 16.7349, -0.9252



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.



66.0820, 93.1366, -6.2109



38.0400, 106.9613, -7.0511



99.2710, 76.7744, 62.0293



116.7810, 5.5310, -0.6849



28.3520, 80.1855, -5.5707



9.3890, 26.9232, -2.0952

Inverse Universe

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



121.7220, 52.8881, 116.8848



101.8950, 60.6908, 134.2731



188.7290, -76.7744, -62.0293



120.1410, 2.8885, 6.8923



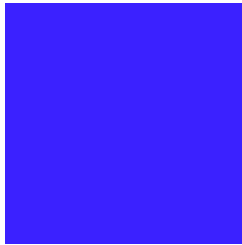
76.3750, 45.6641, 100.5261



25.5200, 15.0266, 33.7470

Previews

White Background



This preview shows how the YUV color 66.0820, 93.1366, -6.2109 looks on a white background.

Color Contrast Check

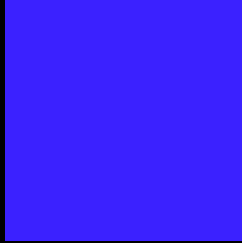
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 66.0820, 93.1366, -6.2109 looks on a black 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

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

YUV 66.0820, 93.1366, -6.2109

Background



This preview shows how black text looks on a background with the YUV color 66.0820, 93.1366, -6.2109.



This preview shows how white text looks on a background with the YUV color 66.0820, 93.1366, -6.2109.

-6.2109.

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

66.0820, 93.1366, -6.2109

Protanopia

67.7420, 51.3992, -59.4097

Deuteranopia

67.7130, 38.5955, -59.3843



Tritanopia

66.4640, 16.0402, -58.2889

Trichromacy



Original Color

66.0820, 93.1366, -6.2109

Protanomaly

66.8750, 66.6166, -40.2324

Deuteranomaly

66.8120, 58.7597, -40.1771

Tritanomaly

66.3270, 44.2088, -39.7518

Monochromacy



Original Color

66.0820, 93.1366, -6.2109

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.9250, 34.0540, -2.5652

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.0820, 93.1366, -6.2109 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(59, 33, 255)` looks like.

```
.text, #text, p{  
    color:rgb(59, 33, 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(59, 33, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 33, 255) }
```

Border

The CSS property to change the border of an element to YUV 66.0820, 93.1366, -6.2109 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(59, 33, 255) }
```


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

```
.border{ border-color:rgb(59, 33, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 33, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 33, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 33, 255);  
box-shadow:4px 4px 4px 4px rgb(59, 33,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 66.0820, 93.1366, -6.2109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 33, 255) }
```

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

```
.background{ background-color: rgb(59, 33,  
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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