

Converting Colors

YUV(55.7380, 98.2362, -8.5402)

Have a look what the booklet for
YUV(55.7380, 98.2362, -8.5402)
contains.

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Color

**YUV(55.7380, 98.2362,
-8.5402)**

Conversions

Conversions Part 1

Format	Color
Hex	2E16FF
RGB	46, 22, 255
RGB Percent	18%, 9%, 100%
CMY	0.8196, 0.9137, 0.0000
CMYK	0.82, 0.91, 0.00, 0.00
HSL	246°, 100%, 54%
HSV	246°, 91%, 100%
XYZ	19.4636, 8.3747, 95.1984
YIQ	55.7380, -60.4890, 77.5510

Conversions

Conversions Part 2

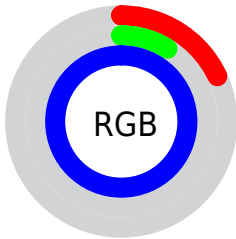
Format	Color
R _Y B	46, 22, 255
Decimal	3020543
CIE Lab	34.75, 75.96, -103.74
CIE LCh	35, 128.576, 306.211
Yxy	8.3747, 0.1582, 0.0681
Android (android.graphics.Color)	4281210623 (0xFF2E16FF)
YUV	55.7380, 98.2362, -8.5402
Hunter-Lab	28.9390, 69.4112, -174.7843

Details

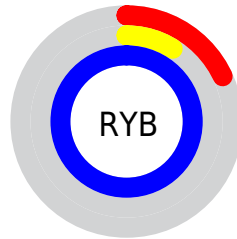
The YUV color **55.7380, 98.2362, -8.5402** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **221.2620, -98.2362, 8.5402**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.9710, 68.0483, 14.0574**, and **22.3440, 85.6124, -19.5957** is the 20% darker color. If you saturate the color by 10%, you get **36.8440, 107.5509, -9.5102**, and if you desaturate by 10%, it is **77.8770, 87.3216, -7.7851**.

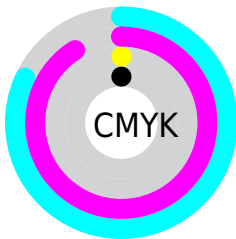
Distribution



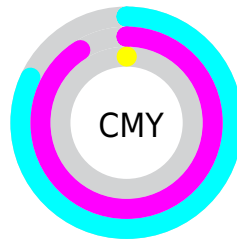
- Red (18%)
- Green (9%)
- Blue (100%)



- Red (18%)
- Yellow (9%)
- Blue (100%)



- Cyan (82%)
- Magenta (91%)
- Yellow (0%)
- Black (0%)



- Cyan (82%)
- Magenta (91%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.7380, 98.2362, -8.5402 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 55.7380, 98.2362, -8.5402 by changing the saturation by 10% instead.

■ 55.7380, 98.2362,
-8.5402

■ 55.7380, 98.2362,
-8.5402

255.0000, 0.0000,
0.0000

■ 25.6500, 98.2796,
-22.4951

■ 116.9710, 68.0483,
14.0574

■ 22.3440, 85.6124,
-19.5957

■ 142.9860, 55.2229,
21.0603

■ 19.1520, 73.3821,
-16.7963

■ 168.7020, 42.5449,
27.4483

■ 15.9600, 61.1517,
-13.9969

■ 195.0050, 29.5775,
33.3216

■ 20.6270, 46.0329,
-18.0899

■ 218.0190, 18.2316,
32.4323

■ 17.0760, 34.9655,
-14.9757

■ 235.0420, 9.8393,

■ 11.4050, 25.9293,

17.5032

-10.0022

252.6520, 1.1576,
2.0592

6.4350, 17.0405,
-5.6435

2.6390, 7.5730,
-2.3144

55.7380, 98.2362,
-8.5402

55.7380, 98.2362,
-8.5402

36.8440, 107.5509,
-9.5102

77.8770, 87.3216,
-7.7851

99.4290, 76.6965,
-6.5152

120.9810, 66.0714,
-5.2453

142.8210, 55.3042,
-5.1050

■ 164.3730, 44.6791,
-3.8351

■ 186.5120, 33.7646,
-3.0800

■ 208.6510, 22.8501,
-2.3249

■ 230.2030, 12.2249,
-1.0550

■ 251.7550, 1.5998,
0.2149

Harmonies

Analogous

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



86.0090, 83.3126, -75.4299



55.7380, 98.2362, -8.5402



80.9310, 42.4320, 110.5625

Triad

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



55.7380, 98.2362, -8.5402



64.2870, -31.6935, 85.6943



76.7850, 12.4310, -67.3404

Complementary

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



55.7380, 98.2362, -8.5402



221.2620, -98.2362, 8.5402

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.



63.3960, -31.2542, -55.5983



55.7380, 98.2362, -8.5402



74.7010, -36.8276, 5.5242

Square

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



55.7380, 98.2362, -8.5402



65.1820, -32.1347, 134.0214



60.4610, -29.8073, -53.0243



90.8750, 56.2636, -79.6974

Rectangle

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



55.7380, 98.2362, -8.5402



81.9640, 8.8917, 135.0896



60.4610, -29.8073, -53.0243



72.0940, -3.0043, -63.2264

Sweetspot

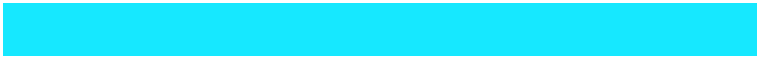
The Sweet Spot groups the original color and five complimentary colors.



55.7380, 98.2362, -8.5402



195.9590, 29.1072, -2.5950



171.8320, 41.0018, -131.4027



92.8700, 17.3191, -1.6400



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.



55.7380, 98.2362, -8.5402



36.8440, 107.5509, -9.5102



90.4220, 81.1370, 62.7739



116.7810, 5.5310, -0.6849



27.7540, 80.4803, -6.8003



9.3890, 26.9232, -2.0952

Inverse Universe

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



115.4930, 56.9450, 122.3476



102.3510, 62.4380, 133.8732



186.5780, -81.1370, -62.7739



120.1410, 2.8885, 6.8923



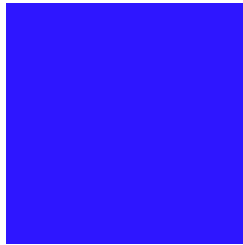
76.7170, 46.9745, 100.2262



25.6340, 15.4634, 33.6470

Previews

White Background



This preview shows how the YUV color 55.7380, 98.2362, -8.5402 looks on a white background.

Color Contrast Check

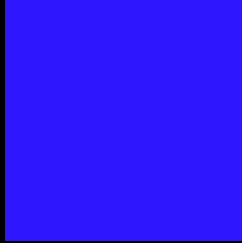
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.7380, 98.2362, -8.5402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

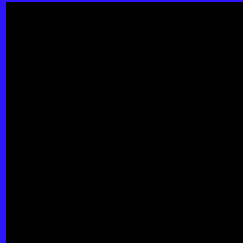
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.7380, 98.2362, -8.5402

Background



This preview shows how black text looks on a background with the YUV color 55.7380, 98.2362, -8.5402.



This preview shows how white text looks on a background with the YUV color 55.7380, 98.2362, -8.5402.

-8.5402.

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

55.7380, 98.2362, -8.5402

Protanopia

64.4820, 49.0624, -56.5507

Deuteranopia

65.1540, 36.4061, -57.1401



Tritanopia

63.5460, 15.0138, -55.7298

Trichromacy



Original Color

55.7380, 98.2362, -8.5402

Protanomaly

61.5870, 66.7586, -39.1028

Deuteranomaly

61.5240, 58.9017, -39.0475

Tritanomaly

60.6800, 45.5138, -38.3074

Monochromacy



Original Color

55.7380, 98.2362, -8.5402

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.9680, 35.5118, -3.4799

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.7380, 98.2362, -8.5402 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(46, 22, 255)` looks like.

```
.text, #text, p{  
    color:rgb(46, 22, 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(46, 22, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 22, 255) }
```

Border

The CSS property to change the border of an element to YUV 55.7380, 98.2362, -8.5402 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(46, 22, 255) }
```


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

```
.border{ border-color:rgb(46, 22, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 22, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 22, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 22, 255);  
box-shadow:4px 4px 4px 4px rgb(46, 22,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 55.7380, 98.2362, -8.5402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 22, 255) }
```

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

```
.background{ background-color: rgb(46, 22,  
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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