

Converting Colors

YUV(140.2180, 56.5875, 3.3168)

Have a look what the booklet for
YUV(140.2180, 56.5875, 3.3168)
contains.

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Color

**YUV(140.2180, 56.5875,
3.3168)**

Conversions

Conversions Part 1

Format	Color
Hex	9074FF
RGB	144, 116, 255
RGB Percent	56%, 45%, 100%
CMY	0.4353, 0.5451, 0.0000
CMYK	0.44, 0.55, 0.00, 0.00
HSL	252°, 100%, 73%
HSV	252°, 55%, 100%
XYZ	35.7970, 25.6401, 97.6701
YIQ	140.2180, -27.9310, 49.1650

Conversions

Conversions Part 2

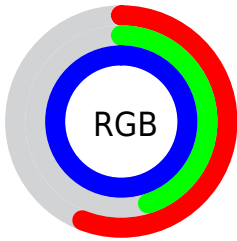
Format	Color
R_{YB}	144, 116, 255
Decimal	9467135
CIE _{Lab}	57.69, 43.44, -65.83
CIE _{LCh}	58, 78.866, 303.419
Yxy	25.6401, 0.2250, 0.1611
Android (android.graphics.Color)	4287657215 (0xFF9074FF)
YUV	140.2180, 56.5875, 3.3168
Hunter-Lab	50.6360, 37.5770, -78.9172

Details

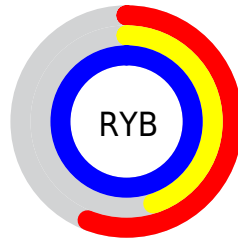
The YUV color **140.2180, 56.5875, 3.3168** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **230.7820, -56.5875, -3.3168**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.9700, 32.5528, 12.3043**, and **86.9030, 54.2778, -2.5459** is the 20% darker color. If you saturate the color by 10%, you get **118.9760, 67.0598, 4.4060**, and if you desaturate by 10%, it is **161.4600, 46.1152, 2.2276**.

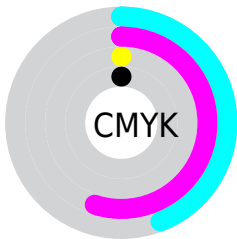
Distribution



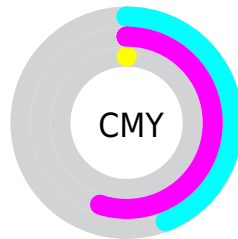
- Red (56%)
- Green (45%)
- Blue (100%)



- Red (56%)
- Yellow (45%)
- Blue (100%)



- Cyan (44%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.2180, 56.5875, 3.3168 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 140.2180, 56.5875, 3.3168 by changing the saturation by 10% instead.

■ 140.2180, 56.5875,
3.3168

■ 140.2180, 56.5875,
3.3168

255.0000, 0.0000,
0.0000

■ 113.5660, 55.4300,
1.2576

■ 188.9700, 32.5528,
12.3043

■ 86.9030, 54.2778,
-2.5459

■ 213.7890, 20.3170,
16.8480

■ 60.0550, 53.7099,
-7.0642

■ 236.8030, 8.9711,
15.9588

■ 27.9280, 56.2375,
-24.4929

253.8260, 0.5788,
1.0296

■ 13.2240, 50.6686,
-11.5974

■ 10.2600, 39.3118,
-8.9980

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 140.2180, 56.5875,
3.3168

■ 140.2180, 56.5875,
3.3168

■ 118.9760, 67.0598,
4.4060

■ 161.4600, 46.1152,
2.2276

■ 98.0220, 77.3902,
4.3657

■ 182.4140, 35.7849,
2.2679

■ 76.7800, 87.8625,
5.4549

■ 203.6560, 25.3126,
1.1787

■ 56.1250, 98.0454,
6.0294

■ 224.3110, 15.1297,
0.6043

■ 44.3190, 103.8657,
5.8592

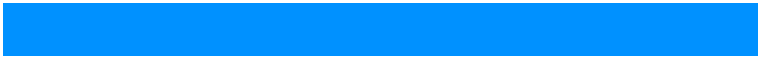
■ 245.2650, 4.7994,
0.6446

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.



114.1850, 69.4218, -100.1402



140.2180, 56.5875, 3.3168



135.8010, 32.6361, 79.1045

Triad

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



140.2180, 56.5875, 3.3168



129.4420, -63.8149, 75.0344



115.1460, 14.7180, -100.9830

Complementary

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



140.2180, 56.5875, 3.3168



230.7820, -56.5875, -3.3168

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.



105.0630, -16.3001, -92.1403



140.2180, 56.5875, 3.3168



128.8460, -63.5211, 27.3221

Square

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



140.2180, 56.5875, 3.3168



125.8260, -29.0012, 108.9006



117.8840, -58.1168, -26.2083



122.8980, 44.4203, -107.7815

Rectangle

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



140.2180, 56.5875, 3.3168



125.2320, 15.6616, 110.2985



117.8840, -58.1168, -26.2083



112.4100, 4.2349, -98.5836

Sweetspot

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



140.2180, 56.5875, 3.3168



221.0660, 16.7295, 0.8191



197.0030, 28.5925, -71.0396



107.3450, 10.1829, 0.5744



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.



140.2180, 56.5875, 3.3168



118.0900, 67.4966, 4.3061



160.8490, 46.4164, 45.7364



117.0800, 5.3836, -0.0702



33.4350, 77.6795, 4.8805



11.1830, 26.0388, 1.5935

Inverse Universe

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



170.2150, 27.9950, 74.3564



153.7960, 33.6246, 88.7559



210.1510, -46.4164, -45.7364



120.0270, 2.4517, 6.9923



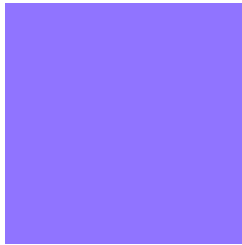
74.5510, 38.6754, 102.1258



24.9500, 12.8427, 34.2468

Previews

White Background



This preview shows how the YUV color 140.2180, 56.5875, 3.3168 looks on a white background.

Color Contrast Check

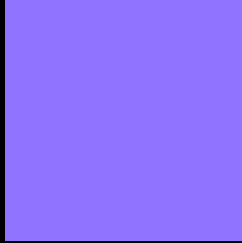
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.2180, 56.5875, 3.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

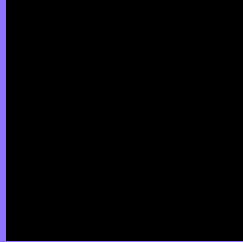
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.2180, 56.5875, 3.3168

Background



This preview shows how black text looks on a background with the YUV color 140.2180, 56.5875, 3.3168.



This preview shows how white text looks on a background with the YUV color 140.2180, 56.5875,

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

140.2180, 56.5875, 3.3168

Protanopia

130.4520, 61.4022, -47.7544

Deuteranopia

115.3390, 65.8949, -88.8743



Tritanopia

136.0780, 8.3425, -15.8544

Trichromacy



Original Color

140.2180, 56.5875, 3.3168



Protanomaly

133.8180, 59.7427, -28.7814



Deuteranomaly

124.3370, 62.4449, -55.5465



Tritanomaly

137.7040, 25.7819, -9.3874

Monochromacy



Original Color

140.2180, 56.5875, 3.3168



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

139.8040, 20.8026, 1.0489

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.2180, 56.5875, 3.3168 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(144, 116, 255)` looks like.

```
.text, #text, p{  
    color:rgb(144, 116, 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(144, 116, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 116, 255) }
```

Border

The CSS property to change the border of an element to YUV 140.2180, 56.5875, 3.3168 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(144, 116, 255) }
```


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

```
.border{ border-color:rgb(144, 116, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 116, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 116, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 116, 255);  
box-shadow:4px 4px 4px 4px rgb(144, 116,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 140.2180, 56.5875, 3.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 116, 255) }
```

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

```
.background{ background-color: rgb(144,  
116, 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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