

Converting Colors

YUV(140.2640, 56.5648,
-36.1885)

Have a look what the booklet for
YUV(140.2640, 56.5648, -36.1885)
contains.

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Color

**YUV(140.2640, 56.5648,
-36.1885)**

Conversions

Conversions Part 1

Format	Color
Hex	638BFF
RGB	99, 139, 255
RGB Percent	39%, 55%, 100%
CMY	0.6118, 0.4549, 0.0000
CMYK	0.61, 0.45, 0.00, 0.00
HSL	225°, 100%, 69%
HSV	225°, 61%, 100%
XYZ	32.4282, 28.3379, 98.3683
YIQ	140.2640, -61.0760, 27.5960

Conversions

Conversions Part 2

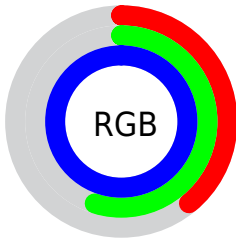
Format	Color
R _Y B	99, 131, 255
Decimal	6523903
CIE Lab	60.19, 20.96, -61.98
CIE LCh	60, 65.425, 288.688
Yxy	28.3379, 0.2038, 0.1781
Android (android.graphics.Color)	4284713983 (0xFF638BFF)
YUV	140.2640, 56.5648, -36.1885
Hunter-Lab	53.2333, 15.5787, -72.2969

Details

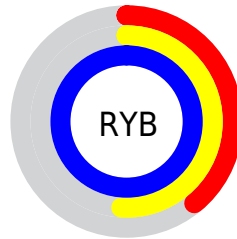
The YUV color **140.2640, 56.5648, -36.1885** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **213.7360, -56.5648, 36.1885**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.9130, 32.0879, -25.3567**, and **77.6800, 58.8248, -61.1094** is the 20% darker color. If you saturate the color by 10%, you get **121.3370, 65.8959, -42.3915**, and if you desaturate by 10%, it is **158.8920, 47.3812, -30.6003**.

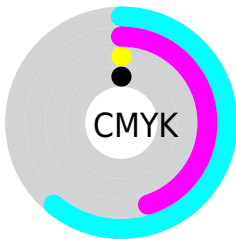
Distribution



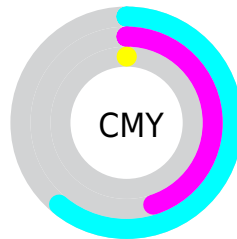
- Red (39%)
- Green (55%)
- Blue (100%)



- Red (39%)
- Yellow (51%)
- Blue (100%)



- Cyan (61%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.2640, 56.5648, -36.1885 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 140.2640, 56.5648, -36.1885 by changing the saturation by 10% instead.

■ 140.2640, 56.5648,
-36.1885

■ 140.2640, 56.5648,
-36.1885

255.0000, 0.0000,
0.0000

■ 111.8180, 56.2917,
-41.9364

■ 189.9130, 32.0879,
-25.3567

■ 77.6800, 58.8248,
-61.1094

■ 215.6180, 19.4153,
-20.7130

■ 58.7090, 54.8665,
-51.4878

■ 241.0240, 6.8902,
-16.6840

■ 43.3040, 49.1501,
-37.9776

254.4020, 0.2948,
-1.2296

■ 29.0730, 42.8550,
-25.4970

■ 10.3740, 39.7486,
-9.0980

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 3.0950, 9.3202,
-2.7143

■ 140.2640, 56.5648,
-36.1885

■ 140.2640, 56.5648,
-36.1885

■ 121.3370, 65.8959,
-42.3915

■ 158.8920, 47.3812,
-30.6003

■ 102.7090, 75.0795,
-47.9798

■ 177.8190, 38.0502,
-24.3973

■ 83.7820, 84.4105,
-54.1828

■ 196.7460, 28.7192,
-18.1942

■ 67.2250, 92.5731,
-58.9563

■ 215.3740, 19.5356,
-12.6060

■ 234.3010, 10.2046,
-6.4030

■ 252.9290, 1.0210,
-0.8147

■ 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.



121.8160, 65.6597, -106.8326



140.2640, 56.5648, -36.1885



149.0470, 35.9658, 37.6698

Triad

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



140.2640, 56.5648, -36.1885



140.0660, -39.9655, 78.8721



114.1710, 3.3667, -100.1280

Complementary

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



140.2640, 56.5648, -36.1885



213.7360, -56.5648, 36.1885

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.



123.7710, -29.9601, -50.6652



140.2640, 56.5648, -36.1885



137.3800, -63.2913, 47.0247

Square

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



140.2640, 56.5648, -36.1885



139.1630, -13.3914, 95.4500



132.2840, -61.2720, 5.8899



121.4840, 28.8484, -106.5415

Rectangle

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



140.2640, 56.5648, -36.1885



145.6570, 20.8751, 71.3378



132.2840, -61.2720, 5.8899



110.7170, -4.7905, -97.0988

Sweetspot

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



140.2640, 56.5648, -36.1885



221.2880, 16.6200, -10.7766



203.5680, 4.6500, -91.7061



107.0020, 10.3520, -7.0178



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.



140.2640, 56.5648, -36.1885



118.3800, 67.3537, -43.3063



127.5480, 62.8338, 6.5354



118.2430, 4.8102, -2.8441



50.5370, 69.2483, -44.3209



16.6880, 23.3248, -14.6354

Inverse Universe

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



150.2040, -5.5236, 91.9061



130.0860, -6.4514, 109.5496



226.4520, -62.8338, -6.5354



119.2290, -0.6059, 7.6922



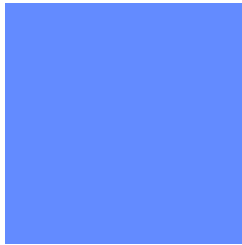
62.6950, -6.7516, 112.5235



20.9600, -2.4453, 37.7461

Previews

White Background



This preview shows how the YUV color 140.2640, 56.5648, -36.1885 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 140.2640, 56.5648, -36.1885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

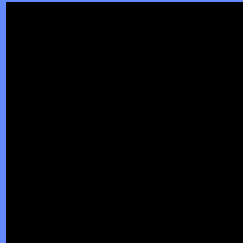
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.2640, 56.5648, -36.1885

Background



This preview shows how black text looks on a background with the YUV color 140.2640, 56.5648, -36.1885.



This preview shows how white text looks on a background with the YUV color 140.2640, 56.5648, -36.1885.

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

140.2640, 56.5648, -36.1885

Protanopia

139.0460, 57.1653, -42.1363

Deuteranopia

130.0920, 60.5936, -68.4867



Tritanopia

129.5820, 20.4191, -62.7774

Trichromacy



Original Color

140.2640, 56.5648, -36.1885

Protanomaly

139.3560, 57.0125, -39.7772

Deuteranomaly

133.5280, 59.3927, -56.5911

Tritanomaly

133.4920, 33.7744, -53.0515

Monochromacy



Original Color

140.2640, 56.5648, -36.1885

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.3030, 20.5566, -13.4207

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.2640, 56.5648, -36.1885 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(99, 139, 255)` looks like.

```
.text, #text, p{  
    color:rgb(99, 139, 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(99, 139, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 139, 255) }
```

Border

The CSS property to change the border of an element to YUV 140.2640, 56.5648, -36.1885 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(99, 139, 255) }
```


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

```
.border{ border-color:rgb(99, 139, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 139, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 139, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 139, 255);  
box-shadow:4px 4px 4px 4px rgb(99, 139,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 140.2640, 56.5648, -36.1885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 139, 255) }
```

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

```
.background{ background-color: rgb(99, 139,  
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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