

Converting Colors

YUV(140.0640, 56.6634,
-21.1041)

Have a look what the booklet for
YUV(140.0640, 56.6634, -21.1041)
contains.

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Color

**YUV(140.0640, 56.6634,
-21.1041)**

Conversions

Conversions Part 1

Format	Color
Hex	7482FF
RGB	116, 130, 255
RGB Percent	45%, 51%, 100%
CMY	0.5451, 0.4902, 0.0000
CMYK	0.55, 0.49, 0.00, 0.00
HSL	234°, 100%, 73%
HSV	234°, 55%, 100%
XYZ	33.2351, 26.8983, 98.0479
YIQ	140.0640, -48.4690, 35.9070

Conversions

Conversions Part 2

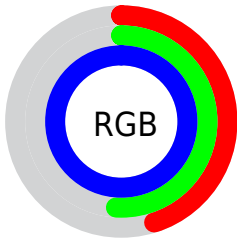
Format	Color
R _Y B	116, 129, 255
Decimal	7635711
CIE Lab	58.88, 29.50, -64.03
CIE LCh	59, 70.496, 294.733
Yxy	26.8983, 0.2101, 0.1700
Android (android.graphics.Color)	4285825791 (0xFF7482FF)
YUV	140.0640, 56.6634, -21.1041
Hunter-Lab	51.8635, 23.6248, -75.7832

Details

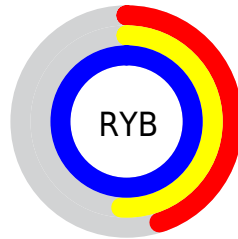
The YUV color **140.0640, 56.6634, -21.1041** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **230.9360, -56.6634, 21.1041**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.1150, 32.4813, -11.5019**, and **84.6560, 55.3856, -31.2703** is the 20% darker color. If you saturate the color by 10%, you get **118.7890, 67.1520, -25.2480**, and if you desaturate by 10%, it is **161.3390, 46.1749, -16.9603**.

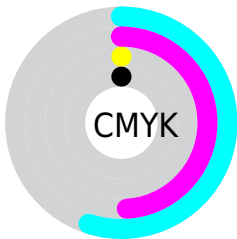
Distribution



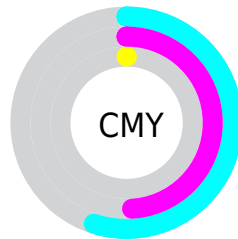
- Red (45%)
- Green (51%)
- Blue (100%)



- Red (45%)
- Yellow (51%)
- Blue (100%)



- Cyan (55%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.0640, 56.6634, -21.1041 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 140.0640, 56.6634, -21.1041 by changing the saturation by 10% instead.

■ 140.0640, 56.6634,
-21.1041

■ 140.0640, 56.6634,
-21.1041

255.0000, 0.0000,
0.0000

■ 112.8140, 55.8007,
-24.3929

■ 189.1150, 32.4813,
-11.5019

■ 84.6560, 55.3856,
-31.2703

■ 213.9340, 20.2455,
-6.9581

■ 53.4260, 57.4710,
-46.8546

■ 240.2260, 7.2836,
-2.8292

■ 38.4940, 51.0285,
-33.7592

■ 24.3770, 45.1701,
-21.3786

■ 10.3740, 39.7486,
-9.0980

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 140.0640, 56.6634,
-21.1041

■ 140.0640, 56.6634,
-21.1041

■ 118.7890, 67.1520,
-25.2480

■ 161.3390, 46.1749,
-16.9603

■ 97.8130, 77.4932,
-28.7770

■ 182.3150, 35.8337,
-13.4313

■ 76.5380, 87.9818,
-32.9208

■ 203.5900, 25.3451,
-9.2874

■ 55.5620, 98.3229,
-36.4499

■ 224.5660, 15.0040,
-5.7584

■ 44.3320, 103.8593,
-38.8792

■ 245.5420, 4.6628,
-2.2293

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.



118.2940, 67.3961, -103.7438



140.0640, 56.6634, -21.1041



144.3910, 34.3172, 53.1541

Triad

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



140.0640, 56.6634, -21.1041



135.1770, -48.4013, 77.8978



113.7950, 7.0031, -99.7982

Complementary

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



140.0640, 56.6634, -21.1041



230.9360, -56.6634, 21.1041

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.



103.6780, -19.0683, -90.9256



140.0640, 56.6634, -21.1041



132.7660, -65.4536, 40.5472

Square

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



140.0640, 56.6634, -21.1041



133.3010, -19.3754, 101.4680



125.6910, -61.9657, -4.9910



121.6780, 34.6687, -106.7116

Rectangle

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



140.0640, 56.6634, -21.1041



138.1750, 18.6477, 85.7925



125.6910, -61.9657, -4.9910



110.8140, -1.8803, -97.1839

Sweetspot

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



140.0640, 56.6634, -21.1041



221.0220, 16.7512, -6.1583



211.6150, 13.5008, -83.8544



107.6110, 10.0518, -4.0438



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.



140.0640, 56.6634, -21.1041



117.9030, 67.5888, -25.3479



147.6930, 52.9024, 18.6862



117.0690, 5.3890, -1.8145



32.9270, 77.9300, -28.8770



10.8180, 26.2187, -9.4874

Inverse Universe

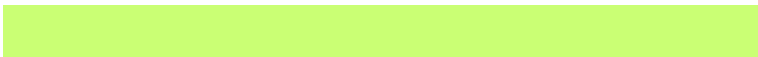
The Inverse Universe completely reimagines the original color for something new.



159.1570, -14.3744, 84.0543



140.5720, -17.0440, 100.3534



223.3070, -52.9024, -18.6862



119.0010, -1.4795, 7.8921



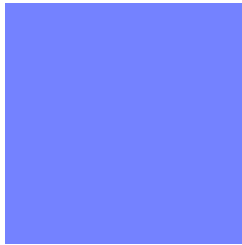
59.2750, -19.8556, 115.5228



19.8200, -6.8133, 38.7459

Previews

White Background



This preview shows how the YUV color 140.0640, 56.6634, -21.1041 looks on a white background.

Color Contrast Check

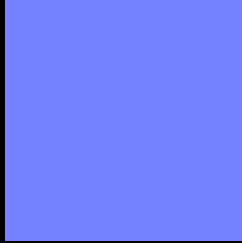
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.0640, 56.6634, -21.1041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

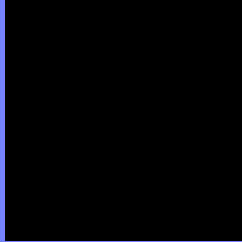
Any Text WCAG AA ✓ Pass

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 140.0640, 56.6634, -21.1041 Background



This preview shows how black text looks on a background with the YUV color 140.0640, 56.6634, -21.1041.



This preview shows how white text looks on a background with the YUV color 140.0640, 56.6634, -21.1041.

-21.1041.

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

140.0640, 56.6634, -21.1041

Protanopia

134.3060, 59.5021, -44.9954

Deuteranopia

122.8350, 63.6783, -77.9083



Tritanopia

132.7370, 15.4127, -43.6193

Trichromacy



Original Color

140.0640, 56.6634, -21.1041

Protanomaly

136.1330, 58.6014, -36.0736

Deuteranomaly

128.9840, 61.1399, -56.9910

Tritanomaly

135.3910, 30.3732, -35.4229

Monochromacy



Original Color

140.0640, 56.6634, -21.1041

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.7490, 20.8297, -7.6729

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.0640, 56.6634, -21.1041 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(116, 130, 255)` looks like.

```
.text, #text, p{  
    color:rgb(116, 130, 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(116, 130, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 130, 255) }
```

Border

The CSS property to change the border of an element to YUV 140.0640, 56.6634, -21.1041 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(116, 130, 255) }
```


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

```
.border{ border-color:rgb(116, 130, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 130, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 130, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 130, 255);  
box-shadow:4px 4px 4px 4px rgb(116, 130,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 140.0640, 56.6634, -21.1041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 130, 255) }
```

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

```
.background{ background-color: rgb(116,  
130, 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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