

Converting Colors

YUV(140.6170, 44.5588,
-11.9421)

Have a look what the booklet for
YUV(140.6170, 44.5588, -11.9421)
contains.

YUV(140.6170, 44.5588, -11.9421)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(140.6170, 44.5588,
-11.9421)**

Conversions

Conversions Part 1

Format	Color
Hex	7F82E7
RGB	127, 130, 231
RGB Percent	50%, 51%, 91%
CMY	0.5020, 0.4902, 0.0941
CMYK	0.45, 0.44, 0.00, 0.09
HSL	238°, 68%, 70%
HSV	238°, 45%, 91%
XYZ	31.1588, 26.2468, 79.0252
YIQ	140.6170, -34.2090, 30.7750

Conversions

Conversions Part 2

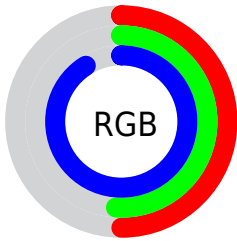
Format	Color
RYB	127, 130, 231
Decimal	8356583
CIELab	58.27, 24.63, -51.68
CIELCh	58, 57.250, 295.480
Yxy	26.2468, 0.2284, 0.1924
Android (android.graphics.Color)	4286546663 (0xFF7F82E7)
YUV	140.6170, 44.5588, -11.9421
Hunter-Lab	51.2316, 18.9074, -55.5931

Details

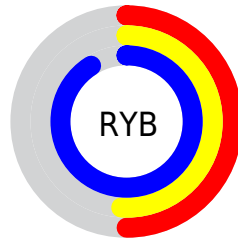
The YUV color **140.6170, 44.5588, -11.9421** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **217.3830, -44.5588, 11.9421**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.5070, 31.3020, -6.5836**, and **88.4270, 42.6805, -16.1605** is the 20% darker color. If you saturate the color by 10%, you get **120.8260, 54.3158, -14.7564**, and if you desaturate by 10%, it is **160.4080, 34.8019, -9.1278**.

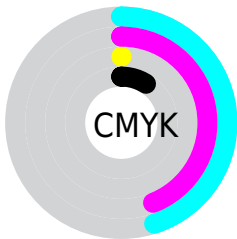
Distribution



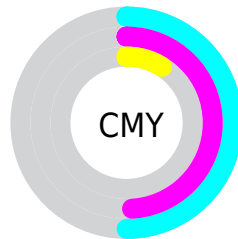
- Red (50%)
- Green (51%)
- Blue (91%)



- Red (50%)
- Yellow (51%)
- Blue (91%)



- Cyan (45%)
- Magenta (44%)
- Yellow (0%)
- Black (9%)



- Cyan (50%)
- Magenta (49%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.6170, 44.5588, -11.9421 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 140.6170, 44.5588, -11.9421 by changing the saturation by 10% instead.

■ 140.6170, 44.5588,
-11.9421

■ 140.6170, 44.5588,
-11.9421

255.0000, 0.0000,
0.0000

■ 114.3780, 43.6906,
-13.4865

■ 191.5070, 31.3020,
-6.5836

■ 88.4270, 42.6805,
-16.1605

■ 216.0270, 19.2137,
-2.6547

■ 61.9810, 42.4074,
-21.9083

■ 242.0200, 6.3991,
0.8595

■ 35.5130, 42.1451,
-31.1449

■ 21.5100, 36.7236,
-18.8643

■ 8.2080, 31.4495,
-7.1984

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 140.6170, 44.5588,
-11.9421

■ 140.6170, 44.5588,
-11.9421

■ 120.8260, 54.3158,
-14.7564

■ 160.4080, 34.8019,
-9.1278

■ 100.4480, 64.3621,
-17.0559

■ 180.7860, 24.7555,
-6.8283

■ 80.6570, 74.1191,
-19.8702

■ 200.5770, 14.9985,
-4.0140

■ 60.2790, 84.1655,
-22.1697

■ 220.9550, 4.9522,
-1.7145

■ 40.4880, 93.9224,
-24.9840

■ 241.0450, -4.9522,
1.7145

■ 30.4430, 98.8746,
-26.6985

■ 252.2640,
-10.4832, 2.3995

Harmonies

Analogous

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



114.2360, 62.0017, -100.1850



140.6170, 44.5588, -11.9421



143.9740, 26.6348, 43.8728

Triad

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



140.6170, 44.5588, -11.9421



136.4940, -39.1905, 63.5878



111.2020, 9.7604, -97.5242

Complementary

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



140.6170, 44.5588, -11.9421



217.3830, -44.5588, 11.9421

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.



118.8980, -19.1767, -56.0385



140.6170, 44.5588, -11.9421



134.2780, -51.9021, 33.9592

Square

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



140.6170, 44.5588, -11.9421



137.1090, -18.2947, 81.4654



129.6860, -44.2152, -4.9866



117.0160, 32.0371, -102.6230

Rectangle

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



140.6170, 44.5588, -11.9421



141.4580, 12.5922, 68.0043



129.6860, -44.2152, -4.9866



108.5630, 2.1874, -95.2098

Sweetspot

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



140.6170, 44.5588, -11.9421



223.6910, 15.4353, -4.1140



199.5620, 14.0199, -63.6369



108.5080, 9.6096, -2.1995



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.



140.6170, 44.5588, -11.9421



135.0800, 59.1206, -15.8562



153.5070, 38.2040, 19.7264



104.9550, 4.9522, -1.7145



23.3410, 76.7399, -20.4701



6.4010, 21.9873, -5.6137

Inverse Universe

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



158.4380, -14.0199, 63.6369



158.7180, -18.5950, 84.4393



204.4930, -38.2040, -19.7264



106.7020, -1.3321, 7.2773



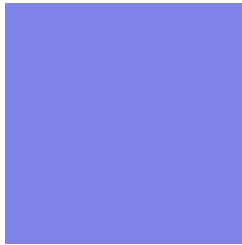
54.0910, -24.2019, 109.5452



15.3630, -7.0810, 31.2536

Previews

White Background



This preview shows how the YUV color 140.6170, 44.5588, -11.9421 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 140.6170, 44.5588, -11.9421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

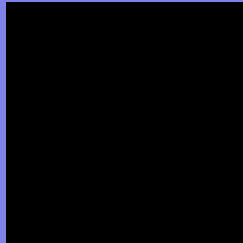
Any Text WCAG AA ✓ Pass

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 140.6170, 44.5588, -11.9421 Background



This preview shows how black text looks on a background with the YUV color 140.6170, 44.5588, -11.9421.



This preview shows how white text looks on a background with the YUV color 140.6170, 44.5588, -11.9421.

-11.9421.

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

140.6170, 44.5588, -11.9421

Protanopia

135.8530, 49.8655, -34.0741

Deuteranopia

133.4020, 47.1298, -43.3256



Tritanopia

135.7070, 10.9904, -25.1760

Trichromacy



Original Color

140.6170, 44.5588, -11.9421

Protanomaly

137.7400, 47.9492, -26.0820

Deuteranomaly

135.9520, 46.3657, -31.5299

Tritanomaly

137.3560, 23.4885, -20.4832

Monochromacy



Original Color

140.6170, 44.5588, -11.9421

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.9190, 16.3089, -4.3140

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.6170, 44.5588, -11.9421 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(127, 130, 231)` looks like.

```
.text, #text, p{  
    color:rgb(127, 130, 231)  
}
```

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(127, 130, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 130, 231) }
```

Border

The CSS property to change the border of an element to YUV 140.6170, 44.5588, -11.9421 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(127, 130, 231) }
```


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

```
.border{ border-color:rgb(127, 130, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 130, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 130, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 130, 231);  
box-shadow:4px 4px 4px 4px rgb(127, 130,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 140.6170, 44.5588, -11.9421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 130, 231) }
```

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

```
.background{ background-color: rgb(127,  
130, 231) }
```

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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