

Converting Colors

YUV(140.0910, 55.6641,
-27.2668)

Have a look what the booklet for
YUV(140.0910, 55.6641, -27.2668)
contains.

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Color

**YUV(140.0910, 55.6641,
-27.2668)**

Conversions

Conversions Part 1

Format	Color
Hex	6D86FD
RGB	109, 134, 253
RGB Percent	43%, 53%, 99%
CMY	0.5725, 0.4745, 0.0078
CMYK	0.57, 0.47, 0.00, 0.01
HSL	230°, 97%, 71%
HSV	230°, 57%, 99%
XYZ	32.5614, 27.3933, 96.4998
YIQ	140.0910, -53.0990, 31.7090

Conversions

Conversions Part 2

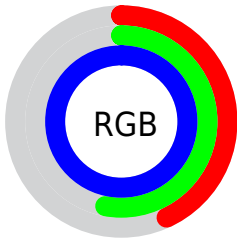
Format	Color
RYB	109, 130, 253
Decimal	7177981
CIELab	59.34, 25.13, -62.22
CIELCh	59, 67.104, 291.994
Yxy	27.3933, 0.2081, 0.1751
Android (android.graphics.Color)	4285368061 (0xFF6D86FD)
YUV	140.0910, 55.6641, -27.2668
Hunter-Lab	52.3386, 19.4577, -72.6795

Details

The YUV color **140.0910, 55.6641, -27.2668** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **221.9090, -55.6641, 27.2668**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.6690, 32.2082, -17.2497**, and **83.3020, 55.5601, -40.6069** is the 20% darker color. If you saturate the color by 10%, you get **120.2890, 65.4265, -31.8255**, and if you desaturate by 10%, it is **159.8930, 45.9018, -22.7082**.

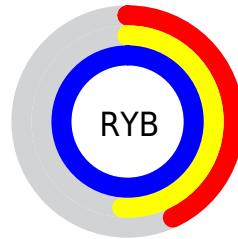
Distribution



Red (43%)

Green (53%)

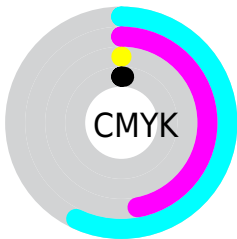
Blue (99%)



Red (43%)

Yellow (51%)

Blue (99%)

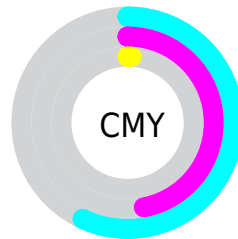


Cyan (57%)

Magenta (47%)

Yellow (0%)

Black (1%)



Cyan (57%)

Magenta (47%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.0910, 55.6641, -27.2668 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 140.0910, 55.6641, -27.2668 by changing the saturation by 10% instead.

■ 140.0910, 55.6641,
-27.2668

■ 140.0910, 55.6641,
-27.2668

255.0000, 0.0000,
0.0000

■ 112.5420, 54.9488,
-31.1703

■ 189.6690, 32.2082,
-17.2497

■ 83.3020, 55.5601,
-40.6069

■ 214.4880, 19.9724,
-12.7060

■ 55.5460, 55.4398,
-48.7138

■ 240.4810, 7.1579,
-9.1918

■ 40.1410, 49.7235,
-35.2037

■ 26.4970, 43.1390,
-23.2379

■ 10.1460, 38.8750,
-8.8980

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 140.0910, 55.6641,
-27.2668

■ 140.0910, 55.6641,
-27.2668

■ 120.2890, 65.4265,
-31.8255

■ 159.8930, 45.9018,
-22.7082

■ 100.1880, 75.3363,
-36.9989

■ 179.9940, 35.9920,
-17.5347

■ 80.3860, 85.0987,
-41.5575

■ 199.7960, 26.2296,
-12.9761

■ 60.5840, 94.8611,
-46.1162

■ 219.5980, 16.4672,
-8.4174

■ 54.6700, 97.7767,
-47.9456

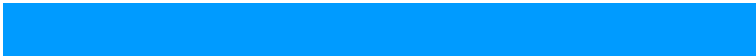
■ 239.6990, 6.5574,
-3.2440

254.7720, -0.8736,
0.2000

Harmonies

Analogous

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



120.0550, 66.5279, -105.2882



140.0910, 55.6641, -27.2668



146.0480, 34.4863, 45.5619

Triad

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



140.0910, 55.6641, -27.2668



137.4310, -43.5965, 76.7980



113.4530, 5.6927, -99.4983

Complementary

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



140.0910, 55.6641, -27.2668



221.9090, -55.6641, 27.2668

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.



117.4320, -25.8490, -62.6459



140.0910, 55.6641, -27.2668



134.2610, -66.1907, 43.6211

Square

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



140.0910, 55.6641, -27.2668



135.9630, -16.7438, 97.3794



128.3820, -63.2923, 0.5420



120.8800, 31.6112, -106.0118

Rectangle

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



140.0910, 55.6641, -27.2668



141.6470, 19.4010, 77.4856



128.3820, -63.2923, 0.5420



110.4720, -3.1907, -96.8839

Sweetspot

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



140.0910, 55.6641, -27.2668



221.0110, 16.7566, -7.9026



206.9800, 9.8699, -85.9285



107.3120, 10.1992, -4.6586



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.



140.0910, 55.6641, -27.2668



119.3320, 66.8843, -32.7402



139.1700, 56.1182, 13.8829



117.6560, 5.0996, -2.3293



41.1450, 73.8785, -36.0842



13.7530, 24.7718, -12.0614

Inverse Universe

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



154.9060, -10.3067, 86.0284



137.1470, -12.3975, 103.3571



222.8300, -56.1182, -13.8829



119.1150, -1.0427, 7.7921



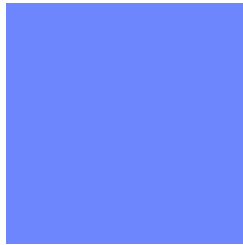
60.8710, -13.7404, 114.1231



20.3900, -4.6293, 38.2460

Previews

White Background



This preview shows how the YUV color 140.0910, 55.6641, -27.2668 looks on a white background.

Color Contrast Check

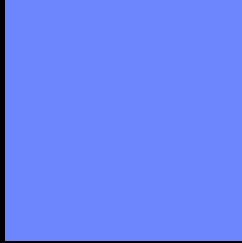
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.0910, 55.6641, -27.2668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

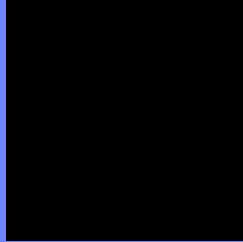
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.0910, 55.6641, -27.2668

Background



This preview shows how black text looks on a background with the YUV color 140.0910, 55.6641, -27.2668.



This preview shows how white text looks on a background with the YUV color 140.0910, 55.6641, -27.2668.

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

140.0910, 55.6641, -27.2668

Protanopia

135.7900, 58.7705, -43.6658

Deuteranopia

127.4940, 60.8885, -69.7162



Tritanopia

131.7470, 16.8867, -49.7671

Trichromacy



Original Color

140.0910, 55.6641, -27.2668

Protanomaly

137.4810, 57.4439, -38.1328

Deuteranomaly

131.8380, 59.2399, -54.2319

Tritanomaly

134.8740, 31.1211, -41.9855

Monochromacy



Original Color

140.0910, 55.6641, -27.2668

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.2110, 20.1090, -9.8320

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.0910, 55.6641, -27.2668 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(109, 134, 253)` looks like.

```
.text, #text, p{  
    color:rgb(109, 134, 253)  
}
```

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(109, 134, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 134, 253) }
```

Border

The CSS property to change the border of an element to YUV 140.0910, 55.6641, -27.2668 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(109, 134, 253) }
```


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

```
.border{ border-color:rgb(109, 134, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 134, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 134, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 134, 253);  
box-shadow:4px 4px 4px 4px rgb(109, 134,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 140.0910, 55.6641, -27.2668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 134, 253) }
```

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

```
.background{ background-color: rgb(109,  
134, 253) }
```

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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