

Converting Colors

YUV(142.1790, 55.6208,
-13.3120)

Have a look what the booklet for
YUV(142.1790, 55.6208, -13.3120)
contains.

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Color

**YUV(142.1790, 55.6208,
-13.3120)**

Conversions

Conversions Part 1

Format	Color
Hex	7F80FF
RGB	127, 128, 255
RGB Percent	50%, 50%, 100%
CMY	0.5020, 0.4980, 0.0000
CMYK	0.50, 0.50, 0.00, 0.00
HSL	240°, 100%, 75%
HSV	240°, 50%, 100%
XYZ	34.5216, 27.1704, 98.0327
YIQ	142.1790, -41.3630, 39.2850

Conversions

Conversions Part 2

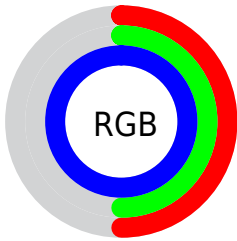
Format	Color
R _Y B	127, 128, 255
Decimal	8356095
CIE Lab	59.13, 32.90, -63.59
CIE LCh	59, 71.592, 297.357
Yxy	27.1704, 0.2161, 0.1701
Android (android.graphics.Color)	4286546175 (0xFF7F80FF)
YUV	142.1790, 55.6208, -13.3120
Hunter-Lab	52.1252, 26.9982, -75.0200

Details

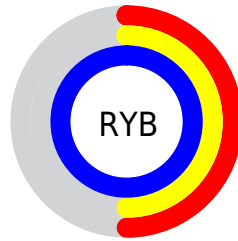
The YUV color **142.1790, 55.6208, -13.3120** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **239.8210, -55.6208, 13.3120**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.9310, 31.5860, -4.3245**, and **87.9670, 53.7533, -21.0191** is the 20% darker color. If you saturate the color by 10%, you get **120.0290, 66.5407, -15.8114**, and if you desaturate by 10%, it is **164.6280, 44.5534, -10.1978**.

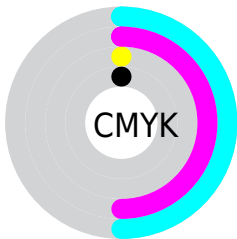
Distribution



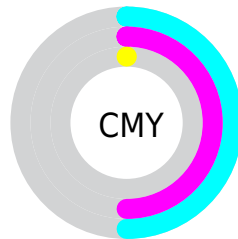
- Red (50%)
- Green (50%)
- Blue (100%)



- Red (50%)
- Yellow (50%)
- Blue (100%)



- Cyan (50%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.1790, 55.6208, -13.3120 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 142.1790, 55.6208, -13.3120 by changing the saturation by 10% instead.

■ 142.1790, 55.6208,
-13.3120

■ 142.1790, 55.6208,
-13.3120

255.0000, 0.0000,
0.0000

■ 115.2280, 54.6106,
-15.9860

■ 190.9310, 31.5860,
-4.3245

■ 87.9670, 53.7533,
-21.0191

■ 215.7500, 19.3502,
0.2193

■ 58.5310, 54.9542,
-32.9147

■ 242.0420, 6.3883,
4.3482

■ 36.7330, 51.8966,
-32.2148

■ 22.6160, 46.0383,
-19.8342

■ 10.3740, 39.7486,
-9.0980

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 142.1790, 55.6208,
-13.3120

■ 142.1790, 55.6208,
-13.3120

■ 120.0290, 66.5407,
-15.8114

■ 164.6280, 44.5534,
-10.1978

■ 96.9930, 77.8975,
-18.4109

■ 187.3650, 33.3441,
-8.2131

■ 74.8430, 88.8174,
-20.9103

■ 209.8140, 22.2767,
-5.0989

■ 52.3940, 99.8848,
-24.0245

■ 231.9640, 11.3567,
-2.5994

■ 30.2440, 110.8047, 255.0000, 0.0000,
-26.5240 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



142.1790, 55.6208, -13.3120



144.3810, 32.8432, 59.3019

Triad

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



142.1790, 55.6208, -13.3120



135.4280, -52.4690, 75.9236



115.1800, 9.7713, -101.0129

Complementary

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



142.1790, 55.6208, -13.3120



239.8210, -55.6208, 13.3120

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.



105.4220, -17.4630, -92.4551



142.1790, 55.6208, -13.3120



133.6300, -65.8796, 37.1585

Square

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



142.1790, 55.6208, -13.3120



133.6170, -21.9962, 102.0679



125.0710, -61.6600, -9.7093



122.4760, 37.7263, -107.4115

Rectangle

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



142.1790, 55.6208, -13.3120



138.0400, 16.7423, 90.2959



125.0710, -61.6600, -9.7093



112.0850, 0.4511, -98.2985

Sweetspot

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



142.1790, 55.6208, -13.3120



221.3320, 16.5983, -3.7992



216.5000, 17.9945, -78.4915



107.6220, 10.0464, -2.2995



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.



142.1790, 55.6208, -13.3120



120.0290, 66.5407, -15.8114



160.1300, 46.7709, 25.3190



116.4820, 5.6784, -1.2997



22.3610, 83.1390, -19.6106



7.2960, 27.9551, -6.3986

Inverse Universe

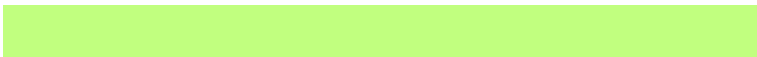
The Inverse Universe completely reimagines the original color for something new.



165.3860, -18.4313, 78.5915



147.8610, -22.1165, 93.9609



221.8700, -46.7709, -25.3190



118.8870, -1.9163, 7.9921



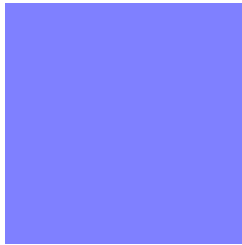
57.2230, -27.7179, 117.3224



19.1360, -9.4340, 39.3457

Previews

White Background



This preview shows how the YUV color 142.1790, 55.6208, -13.3120 looks on a white background.

Color Contrast Check

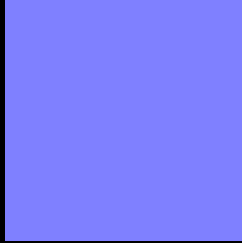
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.1790, 55.6208, -13.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

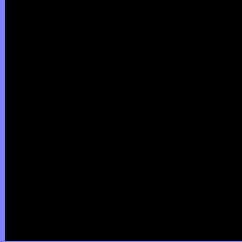
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.1790, 55.6208, -13.3120

Background



This preview shows how black text looks on a background with the YUV color 142.1790, 55.6208, -13.3120.



This preview shows how white text looks on a background with the YUV color 142.1790, 55.6208, -13.3120.

-13.3120.

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

142.1790, 55.6208, -13.3120

Protanopia

135.4910, 58.9179, -44.2806

Deuteranopia

125.9990, 61.6255, -72.7901



Tritanopia

135.8200, 12.9067, -33.1681

Trichromacy



Original Color

142.1790, 55.6208, -13.3120

Protanomaly

137.6280, 57.8644, -32.9998

Deuteranomaly

131.8600, 59.2290, -50.7432

Tritanomaly

138.2890, 28.4515, -25.6865

Monochromacy



Original Color

142.1790, 55.6208, -13.3120

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.2440, 20.0927, -4.5990

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.1790, 55.6208, -13.3120 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, 128, 255)` looks like.

```
.text, #text, p{  
    color:rgb(127, 128, 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(127, 128, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 128, 255) }
```

Border

The CSS property to change the border of an element to YUV 142.1790, 55.6208, -13.3120 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, 128, 255) }
```


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

```
.border{ border-color:rgb(127, 128, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 128, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 128, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 128, 255);  
box-shadow:4px 4px 4px 4px rgb(127, 128,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 142.1790, 55.6208, -13.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 128, 255) }
```

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

```
.background{ background-color: rgb(127,  
128, 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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