

Converting Colors

YUV(111.3750, 54.5381,
-86.2749)

Have a look what the booklet for
YUV(111.3750, 54.5381, -86.2749)
contains.

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Color

**YUV(111.3750, 54.5381,
-86.2749)**

Conversions

Conversions Part 1

Format	Color
Hex	0D8CDE
RGB	13, 140, 222
RGB Percent	5%, 55%, 87%
CMY	0.9490, 0.4510, 0.1294
CMYK	0.94, 0.37, 0.00, 0.13
HSL	204°, 89%, 46%
HSV	204°, 94%, 87%
XYZ	22.7289, 24.1157, 72.5641
YIQ	111.3750, -102.0140, -1.4220

Conversions

Conversions Part 2

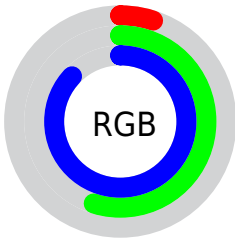
Format	Color
R _{YB}	13, 92, 222
Decimal	888030
CIE _{Lab}	56.20, -0.87, -50.21
CIE _{LCh}	56, 50.215, 269.004
Yxy	24.1157, 0.1903, 0.2020
Android (android.graphics.Color)	4279078110 (0xFF0D8CDE)
YUV	111.3750, 54.5381, -86.2749
Hunter-Lab	49.1077, -3.3220, -53.2346

Details

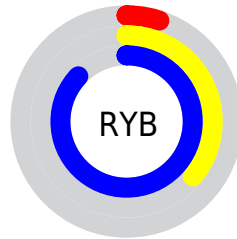
The YUV color **111.3750, 54.5381, -86.2749** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **123.6250, -54.5381, 86.2749**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.0550, 39.9059, -59.6842**, and **72.3410, 46.1739, -63.4431** is the 20% darker color. If you saturate the color by 10%, you get **104.5530, 57.9014, -91.6930**, and if you desaturate by 10%, it is **123.2360, 48.6907, -77.3830**.

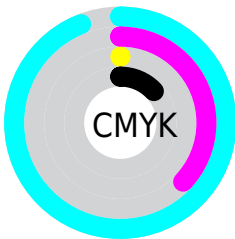
Distribution



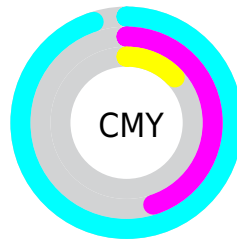
- Red (5%)
- Green (55%)
- Blue (87%)



- Red (5%)
- Yellow (36%)
- Blue (87%)



- Cyan (94%)
- Magenta (37%)
- Yellow (0%)
- Black (13%)



- Cyan (95%)
- Magenta (45%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.3750, 54.5381, -86.2749 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 111.3750, 54.5381, -86.2749 by changing the saturation by 10% instead.

■ 111.3750, 54.5381,
-86.2749

■ 111.3750, 54.5381,
-86.2749

255.0000, 0.0000,
0.0000

■ 89.6210, 51.4588,
-78.5976

■ 174.0550, 39.9059,
-59.6842

■ 72.3410, 46.1739,
-63.4431

■ 200.0590, 27.0859,
-54.4257

■ 55.8760, 41.4731,
-49.0033

■ 226.0630, 14.2659,
-49.1673

■ 39.9980, 36.4830,
-35.0782

■ 238.5550, 8.1074,
-33.8127

■ 25.8810, 30.6247,
-22.6976

■ 247.8240, 3.5378,
-14.7546

■ 11.4050, 25.9293,
-10.0022

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 111.3750, 54.5381,
-86.2749

■ 111.3750, 54.5381,
-86.2749

■ 104.5530, 57.9014,
-91.6930

■ 123.2360, 48.6907,
-77.3830

■ 134.5100, 43.1326,
-67.9763

■ 146.6700, 37.1377,
-58.4696

■ 158.5310, 31.2902,
-49.5777

■ 170.3920, 25.4427,
-40.6858

■ 181.6660, 19.8847,
-31.2791

■ 193.5270, 14.0372,
-22.3872

■ 205.6870, 8.0423,
-12.8805

■ 216.9610, 2.4842,
-3.4738

Harmonies

Analogous

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



112.4630, 47.5927, -98.6301



111.3750, 54.5381, -86.2749



136.6090, 36.6748, -3.1651

Triad

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



111.3750, 54.5381, -86.2749



133.2170, -18.8410, 69.9697



116.0000, -13.8040, -52.6200

Complementary

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



111.3750, 54.5381, -86.2749



123.6250, -54.5381, 86.2749

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.



125.8410, -35.9106, -8.6306



111.3750, 54.5381, -86.2749



132.9380, -35.9584, 53.5514

Square

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



111.3750, 54.5381, -86.2749



134.8850, 1.5357, 67.6299



129.9980, -43.8760, 26.3118



106.6200, 12.5123, -93.5057

Rectangle

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



111.3750, 54.5381, -86.2749



139.0600, 26.0994, 28.8884



129.9980, -43.8760, 26.3118



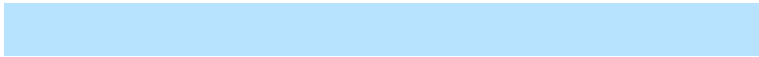
120.5200, -22.4414, -35.5360

Sweetspot

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



111.3750, 54.5381, -86.2749



217.3350, 18.5688, -29.2348



144.8030, -25.5389, -115.5912



104.2780, 11.6949, -17.7838



0.0000, 0.0000, 0.0000



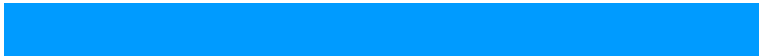
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



111.3750, 54.5381, -86.2749



120.0550, 66.5279, -105.2882



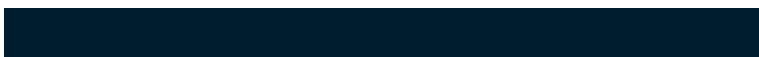
50.9140, 84.3454, -33.2506



106.3630, 2.7790, -4.7034



82.8730, 45.9116, -72.6796



22.4950, 12.5740, -19.7281

Inverse Universe

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



89.9690, 24.6653, 115.7912



93.9150, 30.1149, 141.2715



184.0860, -84.3454, 33.2506



105.0870, 1.4361, 6.0627



64.8220, 20.7938, 97.5031



17.6580, 5.5916, 26.6099

Previews

White Background



This preview shows how the YUV color 111.3750, 54.5381, -86.2749 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 111.3750, 54.5381, -86.2749 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

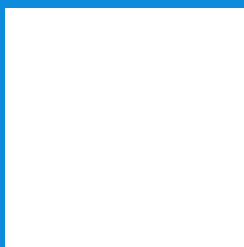
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 111.3750, 54.5381, -86.2749

Background



This preview shows how black text looks on a background with the YUV color 111.3750, 54.5381, -86.2749.



This preview shows how white text looks on a background with the YUV color 111.3750, 54.5381, -86.2749.

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

111.3750, 54.5381, -86.2749

Protanopia

131.7910, 40.5290, -26.1267

Deuteranopia

126.7930, 47.4301, -46.2995



Tritanopia

105.7030, 26.7684, -92.7015

Trichromacy



Original Color

111.3750, 54.5381, -86.2749

Protanomaly

124.3260, 45.6883, -47.6439

Deuteranomaly

121.3890, 50.0942, -60.8542

Tritanomaly

108.0590, 36.9459, -90.3827

Monochromacy



Original Color

111.3750, 54.5381, -86.2749

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.2530, 19.5953, -31.7939

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.3750, 54.5381, -86.2749 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(13, 140, 222)` looks like.

```
.text, #text, p{  
    color:rgb(13, 140, 222)  
}
```

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(13, 140, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 140, 222) }
```

Border

The CSS property to change the border of an element to YUV 111.3750, 54.5381, -86.2749 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(13, 140, 222) }
```


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

```
.border{ border-color:rgb(13, 140, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 140, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 140, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 140, 222);  
box-shadow:4px 4px 4px 4px rgb(13, 140,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 111.3750, 54.5381, -86.2749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 140, 222) }
```

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

```
.background{ background-color: rgb(13, 140,  
222) }
```

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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