

Converting Colors

YUV(125.2730, 56.5604,
12.0386)

Have a look what the booklet for
YUV(125.2730, 56.5604, 12.0386)
contains.

YUV(125.2730, 56.5604, 12.0386)	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(125.2730, 56.5604,
12.0386)**

Conversions

Conversions Part 1

Format	Color
Hex	8B60F0
RGB	139, 96, 240
RGB Percent	55%, 38%, 94%
CMY	0.4549, 0.6235, 0.0588
CMYK	0.42, 0.60, 0.00, 0.06
HSL	258°, 83%, 66%
HSV	258°, 60%, 94%
XYZ	30.5585, 20.1460, 84.7160
YIQ	125.2730, -20.5960, 53.9000

Conversions

Conversions Part 2

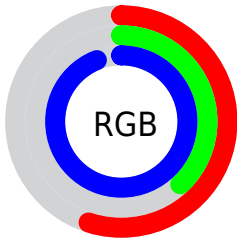
Format	Color
R_{YB}	139, 96, 240
Decimal	9134320
CIE _{Lab}	52.00, 49.42, -66.70
CIE _{LCh}	52, 83.018, 306.534
Yxy	20.1460, 0.2257, 0.1488
Android (android.graphics.Color)	4287324400 (0xFF8B60F0)
YUV	125.2730, 56.5604, 12.0386
Hunter-Lab	44.8843, 42.9805, -80.4869

Details

The YUV color **125.2730, 56.5604, 12.0386** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **210.7270, -56.5604, -12.0386**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.1480, 39.3670, 20.0412**, and **71.7840, 54.8295, 7.2054** is the 20% darker color. If you saturate the color by 10%, you get **106.1020, 66.0117, 13.9425**, and if you desaturate by 10%, it is **144.4440, 47.1091, 10.1346**.

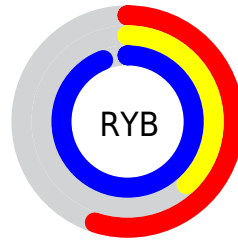
Distribution



Red (55%)

Green (38%)

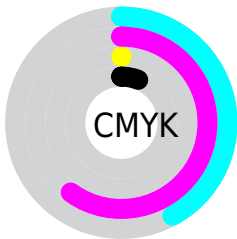
Blue (94%)



Red (55%)

Yellow (38%)

Blue (94%)

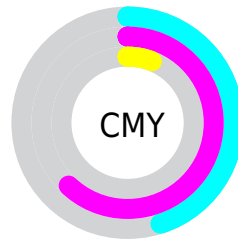


Cyan (42%)

Magenta (60%)

Yellow (0%)

Black (6%)



Cyan (45%)

Magenta (62%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.2730, 56.5604, 12.0386 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 125.2730, 56.5604, 12.0386 by changing the saturation by 10% instead.

■ 125.2730, 56.5604,
12.0386

■ 125.2730, 56.5604,
12.0386

255.0000, 0.0000,
0.0000

■ 98.6210, 55.4028,
9.9794

■ 175.1480, 39.3670,
20.0412

■ 71.7840, 54.8295,
7.2054

■ 199.9670, 27.1313,
24.5849

■ 44.0500, 54.6983,
2.5872

■ 224.4760, 15.0483,
26.7695

■ 14.7060, 56.3469,
-12.8972

■ 241.4990, 6.6560,
11.8404

■ 11.7420, 44.9902,
-10.2977

■ 8.8920, 34.0702,
-7.7983

■ 9.0910, 22.1401,

-7.9728

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 125.2730, 56.5604,
12.0386

■ 125.2730, 56.5604,
12.0386

■ 106.1020, 66.0117,
13.9425

■ 144.4440, 47.1091,
10.1346

■ 86.9310, 75.4630,
15.8465

■ 163.6150, 37.6578,
8.2306

■ 67.7600, 84.9143,
17.7505

■ 182.4870, 28.3539,
5.7119

■ 48.8880, 94.2182,
20.2692

■ 201.6580, 18.9026,
3.8079

■ 220.8290, 9.4513,
1.9040

■ 240.0000, 0.0000,
0.0000

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



104.7930, 74.0521, -91.9035



125.2730, 56.5604, 12.0386



112.3450, 34.3399, 92.6594

Triad

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



125.2730, 56.5604, 12.0386



115.5320, -56.9573, 68.8164



105.5430, 16.0013, -92.5612

Complementary

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



125.2730, 56.5604, 12.0386



210.7270, -56.5604, -12.0386

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.



95.2320, -15.8904, -83.5185



125.2730, 56.5604, 12.0386



114.9250, -56.6580, 19.3598

Square

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



125.2730, 56.5604, 12.0386



106.1530, -31.6274, 111.2448



99.7990, -49.2009, -39.2887



113.5230, 46.5772, -99.5597

Rectangle

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



125.2730, 56.5604, 12.0386



87.5630, 23.8794, 134.5642



99.7990, -49.2009, -39.2887



102.6930, 5.0814, -90.0618

Sweetspot

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



125.2730, 56.5604, 12.0386



218.4300, 18.0290, 4.0079



172.8770, 33.0916, -67.4211



104.9970, 11.3405, 2.6336



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.



125.2730, 56.5604, 12.0386



108.4210, 72.2634, 15.4168



146.2030, 46.2419, 55.0730



110.2650, 4.7994, 0.6446



37.4210, 72.2634, 15.4168



11.4670, 21.9548, 4.8524

Inverse Universe

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



150.5700, 22.8900, 78.4301



140.7220, 29.2241, 100.2218



189.7970, -46.2419, -55.0730



112.5000, 1.7255, 6.5775



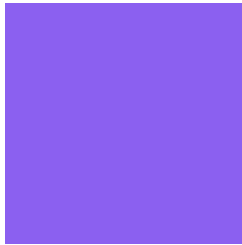
69.7220, 29.2241, 100.2218



21.1900, 8.7803, 30.5284

Previews

White Background



This preview shows how the YUV color 125.2730, 56.5604, 12.0386 looks on a white background.

Color Contrast Check

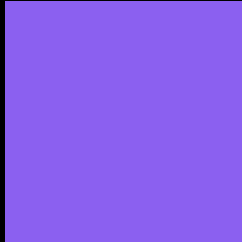
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.2730, 56.5604, 12.0386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

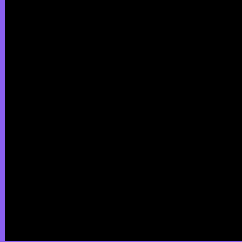
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 125.2730, 56.5604, 12.0386

Background



This preview shows how black text looks on a background with the YUV color 125.2730, 56.5604, 12.0386.



This preview shows how white text looks on a background with the YUV color 125.2730, 56.5604, 12.0386.

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

125.2730, 56.5604, 12.0386

Protanopia

98.8090, 76.5092, -86.6555

Deuteranopia

99.2700, 60.5059, -87.0598



Tritanopia

122.8510, 5.9895, -7.7623

Trichromacy



Original Color

125.2730, 56.5604, 12.0386



Protanomaly

108.7920, 69.1225, -50.6836



Deuteranomaly

108.8600, 59.2290, -50.7432



Tritanomaly

123.4170, 24.4444, -0.3657

Monochromacy



Original Color

125.2730, 56.5604, 12.0386



Achromatopsia

125.0000, 0.0000, 0.0000



Achromatomaly

124.8260, 20.7918, 4.5376

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.2730, 56.5604, 12.0386 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(139, 96, 240)` looks like.

```
.text, #text, p{  
    color:rgb(139, 96, 240)  
}
```

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(139, 96, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 96, 240) }
```

Border

The CSS property to change the border of an element to YUV 125.2730, 56.5604, 12.0386 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(139, 96, 240) }
```


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

```
.border{ border-color:rgb(139, 96, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 96, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 96, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 96, 240);  
box-shadow:4px 4px 4px 4px rgb(139, 96,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 125.2730, 56.5604, 12.0386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 96, 240) }
```

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

```
.background{ background-color: rgb(139, 96,  
240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor