

Converting Colors

YUV(24.6140, 55.8993, -9.3085)

Have a look what the booklet for
YUV(24.6140, 55.8993, -9.3085)
contains.

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Color

**YUV(24.6140, 55.8993,
-9.3085)**

Conversions

Conversions Part 1

Format	Color
Hex	0E088A
RGB	14, 8, 138
RGB Percent	5%, 3%, 54%
CMY	0.9451, 0.9686, 0.4588
CMYK	0.90, 0.94, 0.00, 0.46
HSL	243°, 89%, 29%
HSV	243°, 94%, 54%
XYZ	4.8554, 2.1020, 24.1946
YIQ	24.6140, -38.1540, 41.7020

Conversions

Conversions Part 2

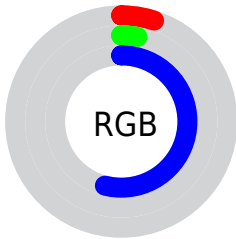
Format	Color
RYB	14, 8, 138
Decimal	919690
CIELab	16.01, 47.53, -65.94
CIELCh	16, 81.289, 305.785
Yxy	2.1020, 0.1559, 0.0675
Android (android.graphics.Color)	4279109770 (0xFF0E088A)
YUV	24.6140, 55.8993, -9.3085
Hunter-Lab	14.4983, 34.4064, -88.7936

Details

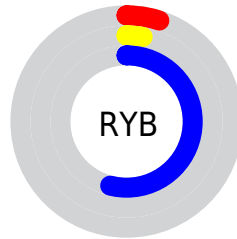
The YUV color **24.6140, 55.8993, -9.3085** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **121.3860, -55.8993, 9.3085**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.6590, 54.3981, 5.5611**, and **9.8040, 37.5646, -8.5981** is the 20% darker color. If you saturate the color by 10%, you get **17.5260, 59.3937, -10.1083**, and if you desaturate by 10%, it is **36.7190, 49.9315, -8.5236**.

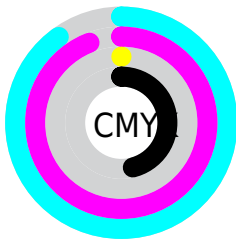
Distribution



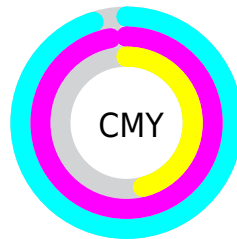
- Red (5%)
- Green (3%)
- Blue (54%)



- Red (5%)
- Yellow (3%)
- Blue (54%)



- Cyan (90%)
- Magenta (94%)
- Yellow (0%)
- Black (46%)



- Cyan (95%)
- Magenta (97%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.6140, 55.8993, -9.3085 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 24.6140, 55.8993, -9.3085 by changing the saturation by 10% instead.

■ 24.6140, 55.8993,
-9.3085

■ 24.6140, 55.8993,
-9.3085

■ 249.1300, 2.8939,
5.1480

■ 12.7680, 48.9214,
-11.1975

■ 82.6590, 54.3981,
5.5611

■ 9.8040, 37.5646,
-8.5981

■ 109.4960, 54.9715,
8.3350

■ 10.5900, 25.3451,
-9.2874

■ 136.1480, 56.1290,
10.3942

■ 6.2070, 16.1669,
-5.4435

■ 160.6510, 46.5141,
14.3381


■ 2.5250, 7.1362,
-2.2144


■ 185.4700, 34.2783,
18.8818


■ 0.0000, 0.0000,
0.0000


■ 210.2890, 22.0425,


23.4255


 232.1070, 11.2862,
20.0772


 24.6140, 55.8993,
-9.3085


 24.6140, 55.8993,
-9.3085


 17.5260, 59.3937,
-10.1083

 36.7190, 49.9315,
-8.5236

 48.8240, 43.9638,
-7.7386

 60.3420, 38.2854,
-6.4389

 72.7460, 32.1702,
-5.0392

 84.8510, 26.2025,
-4.2543

■ 96.9560, 20.2347,
-3.4694

■ 109.0610, 14.2669,
-2.6845

■ 120.5790, 8.5886,
-1.3848

■ 132.6840, 2.6208,
-0.5999

Harmonies

Analogous

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



47.2310, 56.5811, -41.4216



24.6140, 55.8993, -9.3085



43.0360, 22.6603, 58.7274

Triad

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



24.6140, 55.8993, -9.3085



30.1110, -14.8447, 48.1377



39.1590, 5.3446, -34.3424

Complementary

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



24.6140, 55.8993, -9.3085



121.3860, -55.8993, 9.3085

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.



32.8720, -16.2059, -28.8287



24.6140, 55.8993, -9.3085



36.6140, -18.0507, 2.9695

Square

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



24.6140, 55.8993, -9.3085



34.9830, -17.2466, 71.9289



30.5240, -15.0483, -26.7695



47.6460, 30.2475, -41.7855

Rectangle

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



24.6140, 55.8993, -9.3085



43.7870, 3.5560, 72.9778



30.5240, -15.0483, -26.7695



36.2920, -3.1020, -31.8281

Sweetspot

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



24.6140, 55.8993, -9.3085



135.2980, 21.5451, -3.7693



96.7820, 20.3205, -77.8618



62.7190, 12.9565, -2.3846



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



24.6140, 55.8993, -9.3085



22.7980, 77.0076, -12.9778



43.4510, 46.6127, 29.4225



62.7980, 3.0576, -0.6998



16.9560, 57.2097, -9.6084



0.5700, 2.1840, -0.4999

Inverse Universe

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



61.0060, 35.0000, 67.5237



72.9010, 47.8698, 93.0488



102.5490, -46.6127, -29.4225



64.8910, 2.0257, 3.6036



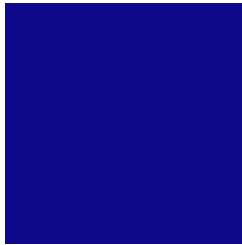
54.1310, 35.4314, 69.1681



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 24.6140, 55.8993, -9.3085 looks on a white background.

Color Contrast Check

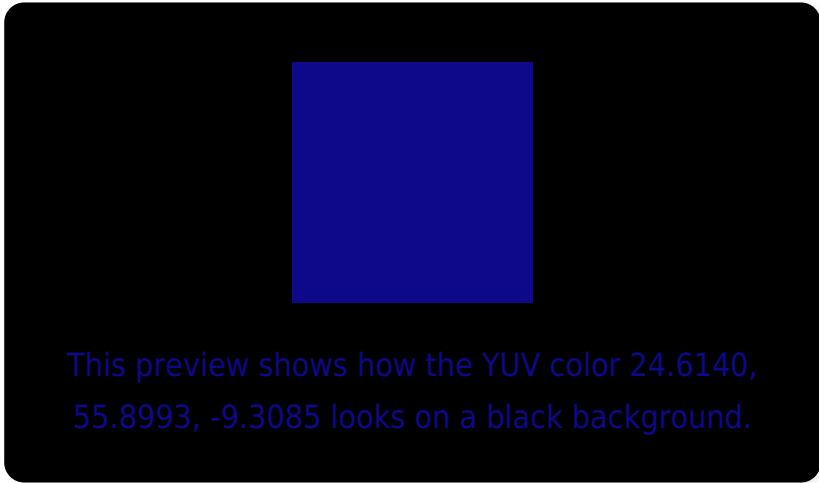
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

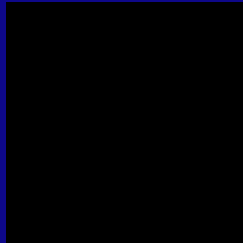
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.6140, 55.8993, -9.3085

Background



This preview shows how black text looks on a background with the YUV color 24.6140, 55.8993, -9.3085.



This preview shows how white text looks on a background with the YUV color 24.6140, 55.8993,

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

24.6140, 55.8993, -9.3085

Protanopia

33.8710, 25.6996, -29.7049

Deuteranopia

34.1500, 19.1531, -29.9495



Tritanopia

33.1750, 7.8017, -29.0945

Trichromacy



Original Color

24.6140, 55.8993, -9.3085

Protanomaly

30.4880, 36.7344, -22.3530

Deuteranomaly

30.7500, 32.6613, -22.5828

Tritanomaly

30.1000, 25.0937, -22.0127

Monochromacy



Original Color

24.6140, 55.8993, -9.3085

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

24.9560, 20.2347, -3.4694

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.6140, 55.8993, -9.3085 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(14, 8, 138)` looks like.

```
.text, #text, p{  
    color:rgb(14, 8, 138)  
}
```

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(14, 8, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 8, 138) }
```

Border

The CSS property to change the border of an element to YUV 24.6140, 55.8993, -9.3085 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(14, 8, 138) }
```


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

```
.border{ border-color:rgb(14, 8, 138) }
```

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

Here you see how a box with a 4 pixel rgb(14, 8, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 8, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 8, 138);  
box-shadow:4px 4px 4px 4px rgb(14, 8, 138)  
}
```

Background

The CSS property to change the background color of an element to YUV 24.6140, 55.8993, -9.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 8, 138) }
```

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

```
.background{ background-color: rgb(14, 8,  
138) }
```

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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