

Converting Colors

YUV(49.0660, 26.5895,
-35.1379)

Have a look what the booklet for
YUV(49.0660, 26.5895, -35.1379)
contains.

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Color

**YUV(49.0660, 26.5895,
-35.1379)**

Conversions

Conversions Part 1

Format	Color
Hex	093B67
RGB	9, 59, 103
RGB Percent	4%, 23%, 40%
CMY	0.9647, 0.7686, 0.5961
CMYK	0.91, 0.43, 0.00, 0.60
HSL	208°, 84%, 22%
HSV	208°, 91%, 40%
XYZ	4.1248, 4.1653, 13.4185
YIQ	49.0660, -43.9240, 3.0840

Conversions

Conversions Part 2

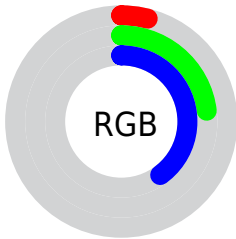
Format	Color
R_{YB}	9, 42, 103
Decimal	605031
CIE _{Lab}	24.21, 2.39, -30.20
CIE _{LCh}	24, 30.294, 274.519
Yxy	4.1653, 0.1900, 0.1919
Android (android.graphics.Color)	4278795111 (0xFF093B67)
YUV	49.0660, 26.5895, -35.1379
Hunter-Lab	20.4090, 0.3603, -24.6957

Details

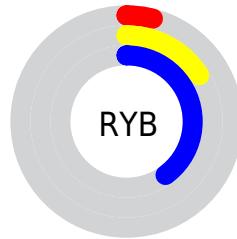
The YUV color **49.0660, 26.5895, -35.1379** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **62.9340, -26.5895, 35.1379**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.3060, 25.9781, -25.7014**, and **16.3630, 19.5410, -14.3504** is the 20% darker color. If you saturate the color by 10%, you get **44.0270, 29.0737, -38.6117**, and if you desaturate by 10%, it is **54.9910, 23.6684, -31.5641**.

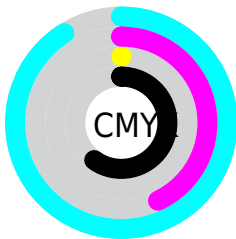
Distribution



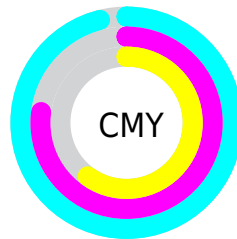
- Red (4%)
- Green (23%)
- Blue (40%)



- Red (4%)
- Yellow (16%)
- Blue (40%)



- Cyan (91%)
- Magenta (43%)
- Yellow (0%)
- Black (60%)



- Cyan (96%)
- Magenta (77%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.0660, 26.5895, -35.1379 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 49.0660, 26.5895, -35.1379 by changing the saturation by 10% instead.

■ 49.0660, 26.5895,
-35.1379

■ 49.0660, 26.5895,
-35.1379

■ 255.0000, 0.0000,
0.0000

■ 31.3120, 23.5102,
-27.4606

■ 101.3060, 25.9781,
-25.7014

■ 16.3630, 19.5410,
-14.3504

■ 127.1320, 26.5569,
-24.6718

■ 5.0500, 14.2723,
-4.4289

■ 153.3600, 27.4305,
-24.8717

■ 0.7980, 3.0576,
-0.6998

■ 180.8870, 28.1567,
-24.4569

■ 0.0000, 0.0000,
0.0000

■ 207.0460, 23.6413,
-22.8423

■ 232.4410, 11.1216,

-20.5578

■ 249.9170, 2.5059,
-10.4512

■ 49.0660, 26.5895,
-35.1379

■ 49.0660, 26.5895,
-35.1379

■ 44.0270, 29.0737,
-38.6117

■ 54.9910, 23.6684,
-31.5641

■ 61.2150, 20.6000,
-27.3756

■ 66.5530, 17.9684,
-23.2870

■ 72.4780, 15.0473,
-19.7132

■ 78.7020, 11.9789,
-15.5247

■ 84.6270, 9.0579,
-11.9509

■ 90.5520, 6.1369,
-8.3771

■ 96.4770, 3.2158,
-4.8033

■ 102.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



49.3270, 23.9958, -43.2598



49.0660, 26.5895, -35.1379



59.0170, 17.7396, 3.4931

Triad

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



49.0660, 26.5895, -35.1379



56.2450, -11.4598, 35.7421



44.1450, -3.5225, -36.9612

Complementary

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



49.0660, 26.5895, -35.1379



62.9340, -26.5895, 35.1379

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.



52.3630, -17.4340, -8.2114



49.0660, 26.5895, -35.1379



55.8880, -20.1578, 25.5312

Square

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



49.0660, 26.5895, -35.1379



56.7040, -0.8401, 36.2166



54.5780, -23.4560, 10.0171



46.7560, 6.5293, -41.0050

Rectangle

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



49.0660, 26.5895, -35.1379



59.0360, 12.3073, 19.2624



54.5780, -23.4560, 10.0171



48.4410, -9.0914, -24.0658

Sweetspot

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



49.0660, 26.5895, -35.1379



114.2570, 10.2263, -13.3804



69.1940, -7.9836, -52.7901



56.5520, 6.1369, -8.3771



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



49.0660, 26.5895, -35.1379



57.6540, 38.1316, -50.5626



21.4770, 40.1908, -10.9423



48.3310, 1.3158, -2.0443



48.9170, 32.5789, -42.9002



103.3110, 68.3737, -90.6037

Inverse Universe

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



42.8060, 7.9836, 52.7901



48.5730, 11.5495, 75.7965



90.5230, -40.1908, 10.9423



47.8370, 0.5734, 2.7740



41.3390, 9.6929, 64.6007



87.0640, 20.6744, 135.8789

Previews

White Background



This preview shows how the YUV color 49.0660, 26.5895, -35.1379 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



This preview shows how the YUV color 49.0660, 26.5895, -35.1379 looks on a 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 49.0660, 26.5895, -35.1379

Background



This preview shows how black text looks on a background with the YUV color 49.0660, 26.5895, -35.1379.



This preview shows how white text looks on a background with the YUV color 49.0660, 26.5895,

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

49.0660, 26.5895, -35.1379

Protanopia

55.6340, 21.8724, -15.4650

Deuteranopia

50.5610, 25.8524, -32.0640



Tritanopia

45.4340, 11.6180, -39.8456

Trichromacy



Original Color

49.0660, 26.5895, -35.1379

Protanomaly

53.0460, 23.6413, -22.8423

Deuteranomaly

49.9630, 26.1472, -33.2936

Tritanomaly

46.5250, 16.9962, -38.1714

Monochromacy



Original Color

49.0660, 26.5895, -35.1379

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.1430, 9.7895, -13.2804

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.0660, 26.5895, -35.1379 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(9, 59, 103)` looks like.

```
.text, #text, p{  
    color:rgb(9, 59, 103)  
}
```

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(9, 59, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 59, 103) }
```

Border

The CSS property to change the border of an element to YUV 49.0660, 26.5895, -35.1379 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(9, 59, 103) }
```


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

```
.border{ border-color:rgb(9, 59, 103) }
```

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

Here you see how a box with a 4 pixel rgb(9, 59, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 59, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 59, 103);  
box-shadow:4px 4px 4px 4px rgb(9, 59, 103)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.0660, 26.5895, -35.1379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 59, 103) }
```

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

```
.background{ background-color: rgb(9, 59,  
103) }
```

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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