

Converting Colors

YUV(49.5740, 19.4370,
-27.6904)

Have a look what the booklet for
YUV(49.5740, 19.4370, -27.6904)
contains.

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Color

**YUV(49.5740, 19.4370,
-27.6904)**

Conversions

Conversions Part 1

Format	Color
Hex	123A59
RGB	18, 58, 89
RGB Percent	7%, 23%, 35%
CMY	0.9294, 0.7725, 0.6510
CMYK	0.80, 0.35, 0.00, 0.65
HSL	206°, 66%, 21%
HSV	206°, 80%, 35%
XYZ	3.5657, 3.8760, 10.0114
YIQ	49.5740, -33.7910, 1.1610

Conversions

Conversions Part 2

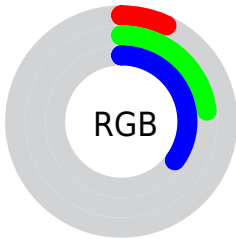
Format	Color
R_YB	18, 44, 89
Decimal	1194585
CIE Lab	23.26, -1.83, -22.58
CIE LCh	23, 22.659, 265.364
Yxy	3.8760, 0.2043, 0.2221
Android (android.graphics.Color)	4279384665 (0xFF123A59)
YUV	49.5740, 19.4370, -27.6904
Hunter-Lab	19.6875, -2.1243, -16.3686

Details

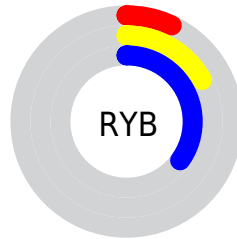
The YUV color **49.5740, 19.4370, -27.6904** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **57.4260, -19.4370, 27.6904**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.0090, 19.7156, -23.6869**, and **13.7070, 14.4414, -12.0210** is the 20% darker color. If you saturate the color by 10%, you get **44.5350, 21.9212, -31.1642**, and if you desaturate by 10%, it is **54.6130, 16.9528, -24.2166**.

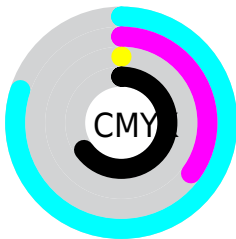
Distribution



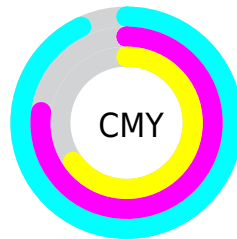
- Red (7%)
- Green (23%)
- Blue (35%)



- Red (7%)
- Yellow (17%)
- Blue (35%)



- Cyan (80%)
- Magenta (35%)
- Yellow (0%)
- Black (65%)



- Cyan (93%)
- Magenta (77%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.5740, 19.4370, -27.6904 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 49.5740, 19.4370, -27.6904 by changing the saturation by 10% instead.

■ 49.5740, 19.4370,
-27.6904

■ 49.5740, 19.4370,
-27.6904

■ 255.0000, 0.0000,
0.0000

■ 29.1290, 17.6844,
-25.5461

■ 99.0090, 19.7156,
-23.6869

■ 13.7070, 14.4414,
-12.0210

■ 124.5360, 20.4418,
-23.2721

■ 3.0950, 9.3202,
-2.7143

■ 150.6500, 20.8785,
-23.3721

■ 0.0000, 0.0000,
0.0000

■ 177.7640, 21.3153,
-23.4720

■ 205.1770, 21.6047,
-22.9572

■ 231.2560, 11.7058,

-21.2725

■ 249.0200, 2.9481,
-12.2955

■ 49.5740, 19.4370,
-27.6904

■ 49.5740, 19.4370,
-27.6904

■ 44.5350, 21.9212,
-31.1642

■ 54.6130, 16.9528,
-24.2166

■ 39.4960, 24.4055,
-34.6380

■ 59.6520, 14.4686,
-20.7428

■ 64.6910, 11.9843,
-17.2690

■ 69.7300, 9.5001,
-13.7952

■ 73.8830, 7.4527,
-10.4214

■ 78.9220, 4.9685,
-6.9476

■ 83.9610, 2.4842,
-3.4738

■ 89.0000, 0.0000,
0.0000

■ 94.0390, -2.4842,
3.4738

Harmonies

Analogous

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



45.8560, 18.3120, -40.2157



49.5740, 19.4370, -27.6904



56.1750, 14.7037, -2.7845

Triad

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



49.5740, 19.4370, -27.6904



55.4550, -6.6333, 27.6650



49.6530, -7.2239, -16.3587

Complementary

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



49.5740, 19.4370, -27.6904



57.4260, -19.4370, 27.6904

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.



52.6180, -14.1087, -1.4190



49.5740, 19.4370, -27.6904



54.7010, -13.1636, 22.1872

Square

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



49.5740, 19.4370, -27.6904



56.2080, 1.3765, 25.2506



54.4240, -16.4780, 11.9062



43.4960, 4.1925, -38.1460

Rectangle

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



49.5740, 19.4370, -27.6904



57.5140, 10.5926, 9.1962



54.4240, -16.4780, 11.9062



50.7030, -9.7136, -11.1405

Sweetspot

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



49.5740, 19.4370, -27.6904



99.5840, 7.6001, -11.0362



63.2110, -7.0060, -39.6500



49.2210, 4.8210, -6.3328



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



49.5740, 19.4370, -27.6904



53.9340, 30.1055, -42.9151



29.0290, 29.5657, -9.6724



40.6300, 1.1684, -1.4295



47.4180, 29.3739, -41.5856



104.2740, 64.4479, -91.4483

Inverse Universe

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



43.7890, 7.0060, 39.6500



44.9580, 10.8667, 61.4268



77.9710, -29.5657, 9.6724



40.4240, 0.2840, 2.2592



38.8330, 10.4353, 59.7825



85.3130, 23.0167, 131.2755

Previews

White Background



This preview shows how the YUV color 49.5740, 19.4370, -27.6904 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 49.5740, 19.4370, -27.6904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

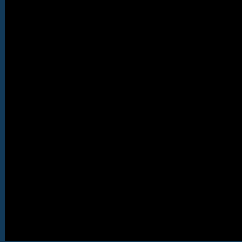
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.5740, 19.4370, -27.6904

Background



This preview shows how black text looks on a background with the YUV color 49.5740, 19.4370, -27.6904.



This preview shows how white text looks on a background with the YUV color 49.5740, 19.4370,

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

49.5740, 19.4370, -27.6904

Protanopia

54.6580, 15.4516, -9.3471

Deuteranopia

53.5970, 17.9467, -16.3096



Tritanopia

43.9180, 10.8864, -38.5161

Trichromacy



Original Color

49.5740, 19.4370, -27.6904

Protanomaly

52.6680, 16.9257, -15.4948

Deuteranomaly

52.3900, 18.5417, -20.5130

Tritanomaly

46.3360, 13.6384, -34.4977

Monochromacy



Original Color

49.5740, 19.4370, -27.6904

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.7690, 7.0159, -10.3214

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.5740, 19.4370, -27.6904 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(18, 58, 89)` looks like.

```
.text, #text, p{  
    color:rgb(18, 58, 89)  
}
```

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(18, 58, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 58, 89) }
```

Border

The CSS property to change the border of an element to YUV 49.5740, 19.4370, -27.6904 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(18, 58, 89) }
```


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

```
.border{ border-color:rgb(18, 58, 89) }
```

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

Here you see how a box with a 4 pixel rgb(18, 58, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 58, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 58, 89);  
box-shadow:4px 4px 4px 4px rgb(18, 58, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.5740, 19.4370, -27.6904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 58, 89) }
```

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

```
.background{ background-color: rgb(18, 58,  
89) }
```

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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