

Converting Colors

YUV(75.2060, 27.5064,
-49.2927)

Have a look what the booklet for
YUV(75.2060, 27.5064, -49.2927)
contains.

YUV(75.2060, 27.5064, -49.2927)	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(75.2060, 27.5064,
-49.2927)**

Conversions

Conversions Part 1

Format	Color
Hex	135D83
RGB	19, 93, 131
RGB Percent	7%, 36%, 51%
CMY	0.9255, 0.6353, 0.4863
CMYK	0.85, 0.29, 0.00, 0.49
HSL	200°, 75%, 29%
HSV	200°, 85%, 51%
XYZ	8.2796, 9.6058, 22.8905
YIQ	75.2060, -56.3020, -3.8700

Conversions

Conversions Part 2

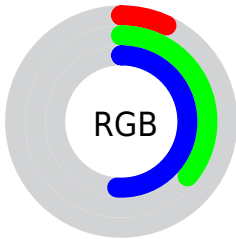
Format	Color
R_{YB}	19, 64, 131
Decimal	1269123
CIE _{Lab}	37.13, -7.34, -27.33
CIE _{LCh}	37, 28.295, 254.960
Yxy	9.6058, 0.2031, 0.2356
Android (android.graphics.Color)	4279459203 (0xFF135D83)
YUV	75.2060, 27.5064, -49.2927
Hunter-Lab	30.9933, -6.5532, -22.0940

Details

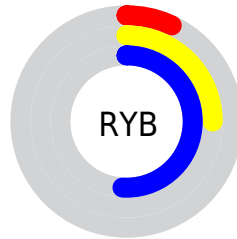
The YUV color **75.2060, 27.5064, -49.2927** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **74.7940, -27.5064, 49.2927**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.0330, 26.6057, -40.3709**, and **36.8230, 21.7793, -32.2938** is the 20% darker color. If you saturate the color by 10%, you get **68.9710, 30.5803, -55.2256**, and if you desaturate by 10%, it is **81.4410, 24.4326, -43.3598**.

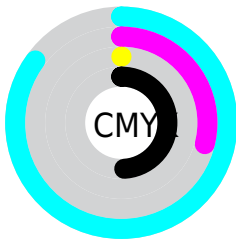
Distribution



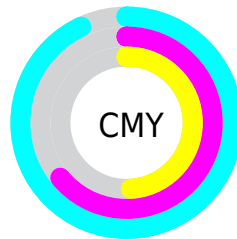
- Red (7%)
- Green (36%)
- Blue (51%)



- Red (7%)
- Yellow (25%)
- Blue (51%)



- Cyan (85%)
- Magenta (29%)
- Yellow (0%)
- Black (49%)



- Cyan (93%)
- Magenta (64%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.2060, 27.5064, -49.2927 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 75.2060, 27.5064, -49.2927 by changing the saturation by 10% instead.

■ 75.2060, 27.5064,
-49.2927

■ 75.2060, 27.5064,
-49.2927

■ 255.0000, 0.0000,
0.0000

■ 53.1740, 26.0432,
-46.6336

■ 130.0330, 26.6057,
-40.3709

■ 36.8230, 21.7793,
-32.2938

■ 157.4460, 26.8951,
-39.8561

■ 22.4610, 17.5207,
-19.6983

■ 184.8590, 27.1845,
-39.3413

■ 5.2780, 15.1459,
-4.6288

■ 211.3770, 21.5061,
-38.0416

■ 1.3680, 5.2416,
-1.1997

■ 236.4840, 9.1284,
-34.6275

■ 0.0000, 0.0000,
0.0000

■ 246.3290, 4.2748,

-17.8285

■ 75.2060, 27.5064,
-49.2927

■ 75.2060, 27.5064,
-49.2927

■ 68.9710, 30.5803,
-55.2256

■ 81.4410, 24.4326,
-43.3598

■ 66.0030, 32.0435,
-57.8846

■ 88.2630, 21.0693,
-37.9417

■ 94.4980, 17.9955,
-32.0087

■ 101.3200, 14.6322,
-26.5906

■ 107.8540, 11.4110,
-20.0430

■ 114.6760, 8.0477,
-14.6249

■ 120.9110, 4.9739,
-8.6919

■ 127.7330, 1.6106,
-3.2738

■ 133.9680, -1.4632,
2.6591

Harmonies

Analogous

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



70.5050, 23.9080, -61.8329



75.2060, 27.5064, -49.2927



86.6450, 21.8670, -13.7207

Triad

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



75.2060, 27.5064, -49.2927



88.4500, -5.6449, 37.3163



81.3560, -13.4865, -14.3442

Complementary

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



75.2060, 27.5064, -49.2927



74.7940, -27.5064, 49.2927

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.



84.5280, -20.9663, 4.7989



75.2060, 27.5064, -49.2927



87.4960, -15.5275, 33.7680

Square

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



75.2060, 27.5064, -49.2927



89.5660, 5.1440, 30.1986



86.2250, -21.3099, 21.7277



75.3450, -0.1701, -38.8906

Rectangle

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



75.2060, 27.5064, -49.2927



89.3160, 17.5922, 4.1079



86.2250, -21.3099, 21.7277



82.8900, -16.7078, -7.7965

Sweetspot

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



75.2060, 27.5064, -49.2927



148.7400, 10.9742, -19.9430



88.9620, -16.2503, -61.3567



73.6440, 6.5845, -11.9658



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



75.2060, 27.5064, -49.2927



85.8250, 41.9913, -75.2685



42.9210, 43.4229, -20.9787



63.0320, 1.4632, -2.6591



65.3020, 31.8961, -57.2699



1.5160, 0.7316, -1.3295

Inverse Universe

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



60.9240, 15.8135, 61.4567



64.0110, 24.1516, 93.8294



107.0790, -43.4229, 20.9787



62.2500, 0.8628, 3.2888



48.6740, 18.4017, 71.3229



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 75.2060, 27.5064, -49.2927 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 75.2060, 27.5064, -49.2927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

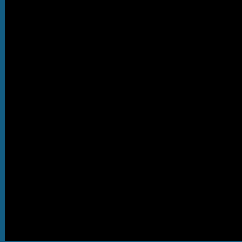
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.2060, 27.5064, -49.2927

Background



This preview shows how black text looks on a background with the YUV color 75.2060, 27.5064, -49.2927.



This preview shows how white text looks on a background with the YUV color 75.2060, 27.5064,

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

75.2060, 27.5064, -49.2927

Protanopia

87.1570, 18.6566, -10.6617

Deuteranopia

85.5520, 22.8989, -18.0241



Tritanopia

68.7950, 17.3561, -60.3332

Trichromacy



Original Color

75.2060, 27.5064, -49.2927

Protanomaly

83.1660, 21.6102, -24.7016

Deuteranomaly

81.6430, 24.8260, -29.5049

Tritanomaly

71.4410, 20.9816, -56.5148

Monochromacy



Original Color

75.2060, 27.5064, -49.2927

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.4090, 9.6584, -17.8987

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.2060, 27.5064, -49.2927 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(19, 93, 131)` looks like.

```
.text, #text, p{  
    color:rgb(19, 93, 131)  
}
```

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(19, 93, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 93, 131) }
```

Border

The CSS property to change the border of an element to YUV 75.2060, 27.5064, -49.2927 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(19, 93, 131) }
```


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

```
.border{ border-color:rgb(19, 93, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 93, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 93, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 93, 131);  
box-shadow:4px 4px 4px 4px rgb(19, 93,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 75.2060, 27.5064, -49.2927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 93, 131) }
```

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

```
.background{ background-color: rgb(19, 93,  
131) }
```

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