

Converting Colors

YUV(49.1490, 20.6325,
-37.8417)

Have a look what the booklet for
YUV(49.1490, 20.6325, -37.8417)
contains.

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Color

**YUV(49.1490, 20.6325,
-37.8417)**

Conversions

Conversions Part 1

Format	Color
Hex	063F5B
RGB	6, 63, 91
RGB Percent	2%, 25%, 36%
CMY	0.9765, 0.7529, 0.6431
CMYK	0.93, 0.31, 0.00, 0.64
HSL	200°, 88%, 19%
HSV	200°, 93%, 36%
XYZ	3.7409, 4.3491, 10.5398
YIQ	49.1490, -42.9600, -3.3760

Conversions

Conversions Part 2

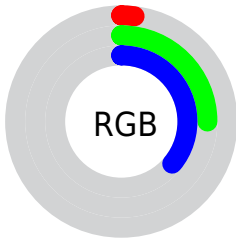
Format	Color
RYB	6, 40, 91
Decimal	409435
CIELab	24.79, -5.75, -21.50
CIELCh	25, 22.254, 255.014
Yxy	4.3491, 0.2008, 0.2334
Android (android.graphics.Color)	4278599515 (0xFF063F5B)
YUV	49.1490, 20.6325, -37.8417
Hunter-Lab	20.8544, -4.4752, -15.3671

Details

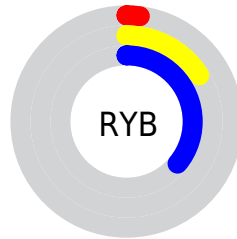
The YUV color **49.1490, 20.6325, -37.8417** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **47.8510, -20.6325, 37.8417**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.6770, 19.8792, -29.5347**, and **17.4570, 13.5787, -15.3098** is the 20% darker color. If you saturate the color by 10%, you get **46.1810, 22.0958, -40.5007**, and if you desaturate by 10%, it is **53.6010, 18.4377, -33.8531**.

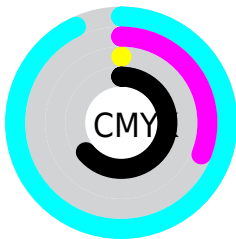
Distribution



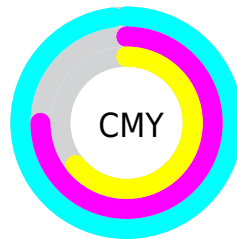
- Red (2%)
- Green (25%)
- Blue (36%)



- Red (2%)
- Yellow (16%)
- Blue (36%)



- Cyan (93%)
- Magenta (31%)
- Yellow (0%)
- Black (64%)



- Cyan (98%)
- Magenta (75%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.1490, 20.6325, -37.8417 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 49.1490, 20.6325, -37.8417 by changing the saturation by 10% instead.

■ 49.1490, 20.6325,
-37.8417

■ 49.1490, 20.6325,
-37.8417

■ 255.0000, 0.0000,
0.0000

■ 31.7050, 17.4004,
-27.8053

■ 100.6770, 19.8792,
-29.5347

■ 17.4570, 13.5787,
-15.3098

■ 127.0900, 20.1686,
-29.0199

■ 3.3230, 10.1938,
-2.9143

■ 153.2040, 20.6054,
-29.1199

■ 0.0000, 0.0000,
0.0000

■ 180.3180, 21.0422,
-29.2199

■ 208.4320, 21.4790,
-29.3199

■ 233.5820, 10.5591,

-26.8204

■ 248.1230, 3.3904,
-14.1399

■ 49.1490, 20.6325,
-37.8417

■ 49.1490, 20.6325,
-37.8417

■ 46.1810, 22.0958,
-40.5007

■ 53.6010, 18.4377,
-33.8531

■ 58.0530, 16.2429,
-29.8645

■ 62.5050, 14.0480,
-25.8759

■ 66.9570, 11.8532,
-21.8873

■ 71.7080, 9.5110,
-17.2839

■ 76.1600, 7.3161,
-13.2953

■ 80.6120, 5.1213,
-9.3067

■ 85.0640, 2.9264,
-5.3181

■ 89.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



48.0900, 16.7176, -42.1749



49.1490, 20.6325, -37.8417



58.4730, 16.0358, -10.0618

Triad

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



49.1490, 20.6325, -37.8417



59.4380, -4.1599, 27.6799



54.5890, -10.1504, -11.0406

Complementary

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



49.1490, 20.6325, -37.8417



47.8510, -20.6325, 37.8417

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.



56.8960, -15.7247, 3.5992



49.1490, 20.6325, -37.8417



58.8800, -11.2798, 24.6612

Square

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



49.1490, 20.6325, -37.8417



60.4680, 3.7133, 22.3916



57.9730, -15.7627, 15.8097



50.1120, -0.0552, -29.0392

Rectangle

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



49.1490, 20.6325, -37.8417



60.0510, 12.7929, 3.4633



57.9730, -15.7627, 15.8097



55.0520, -12.3506, -5.3076

Sweetspot

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



49.1490, 20.6325, -37.8417



100.6760, 8.0477, -14.6249



58.9730, -12.8047, -46.4573



48.9110, 4.9739, -8.6919



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.



49.1490, 20.6325, -37.8417



59.7110, 28.2435, -52.3665



25.0820, 32.4976, -16.7349



43.3310, 1.3158, -2.0443



55.9780, 26.6328, -49.0927



120.3510, 57.5080, -105.5478

Inverse Universe

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



37.9130, 12.3679, 46.5573



43.9890, 17.2604, 64.0306



71.9180, -32.4976, 16.7349



42.8370, 0.5734, 2.7740



41.3260, 16.1083, 60.2271



88.9890, 34.5154, 129.8056

Previews

White Background



This preview shows how the YUV color 49.1490, 20.6325, -37.8417 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 49.1490, 20.6325, -37.8417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

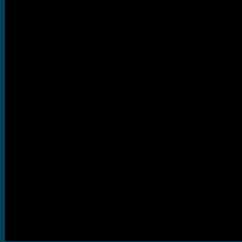
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.1490, 20.6325, -37.8417

Background



This preview shows how black text looks on a background with the YUV color 49.1490, 20.6325, -37.8417.



This preview shows how white text looks on a background with the YUV color 49.1490, 20.6325, -37.8417.

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

49.1490, 20.6325, -37.8417

Protanopia

58.9140, 13.8464, -7.8176

Deuteranopia

57.6790, 16.9203, -13.7505



Tritanopia

46.8360, 11.9129, -41.0752

Trichromacy



Original Color

49.1490, 20.6325, -37.8417

Protanomaly

55.4180, 16.0629, -18.7836

Deuteranomaly

54.3790, 18.5472, -22.2574

Tritanomaly

47.6450, 14.9650, -40.0307

Monochromacy



Original Color

49.1490, 20.6325, -37.8417

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.8610, 7.4635, -13.9101

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.1490, 20.6325, -37.8417 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(6, 63, 91)` looks like.

```
.text, #text, p{  
    color:rgb(6, 63, 91)  
}
```

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(6, 63, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 63, 91) }
```

Border

The CSS property to change the border of an element to YUV 49.1490, 20.6325, -37.8417 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(6, 63, 91) }
```


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

```
.border{ border-color:rgb(6, 63, 91) }
```

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

Here you see how a box with a 4 pixel rgb(6, 63, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 63, 91); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 63, 91); box-shadow:4px  
4px 4px 4px rgb(6, 63, 91) }
```

Background

The CSS property to change the background color of an element to YUV 49.1490, 20.6325, -37.8417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 63, 91) }
```

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

```
.background{ background-color: rgb(6, 63,  
91) }
```

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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