

Converting Colors

YUV(49.0260, 20.6932,
-10.5468)

Have a look what the booklet for
YUV(49.0260, 20.6932, -10.5468)
contains.

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Color

**YUV(49.0260, 20.6932,
-10.5468)**

Conversions

Conversions Part 1

Format	Color
Hex	252F5B
RGB	37, 47, 91
RGB Percent	15%, 18%, 36%
CMY	0.8549, 0.8157, 0.6431
CMYK	0.59, 0.48, 0.00, 0.64
HSL	229°, 42%, 25%
HSV	229°, 59%, 36%
XYZ	3.6678, 3.1817, 10.3183
YIQ	49.0260, -20.0840, 11.5640

Conversions

Conversions Part 2

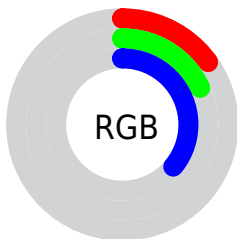
Format	Color
R_{YB}	37, 45, 91
Decimal	2436955
CIE _{Lab}	20.76, 10.53, -27.81
CIE _{LCh}	21, 29.734, 290.734
Yxy	3.1817, 0.2136, 0.1853
Android (android.graphics.Color)	4280627035 (0xFF252F5B)
YUV	49.0260, 20.6932, -10.5468
Hunter-Lab	17.8373, 5.4889, -21.8115

Details

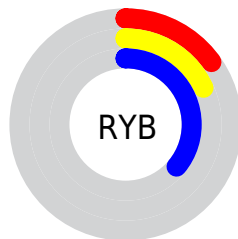
The YUV color **49.0260, 20.6932, -10.5468** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **78.9740, -20.6932, 10.5468**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.7920, 22.2875, -8.5876**, and **5.1300, 19.6559, -4.4990** is the 20% darker color. If you saturate the color by 10%, you get **42.2260, 24.0456, -12.4762**, and if you desaturate by 10%, it is **55.8260, 17.3408, -8.6174**.

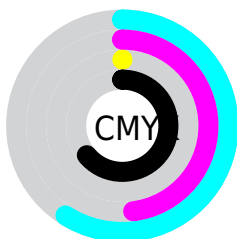
Distribution



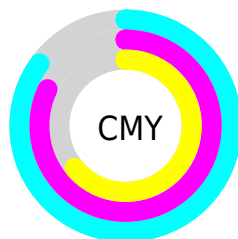
- Red (15%)
- Green (18%)
- Blue (36%)



- Red (15%)
- Yellow (18%)
- Blue (36%)



- Cyan (59%)
- Magenta (48%)
- Yellow (0%)
- Black (64%)



- Cyan (85%)
- Magenta (82%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.0260, 20.6932, -10.5468 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 49.0260, 20.6932, -10.5468 by changing the saturation by 10% instead.

■ 49.0260, 20.6932,
-10.5468

■ 49.0260, 20.6932,
-10.5468

■ 255.0000, 0.0000,
0.0000

■ 25.5910, 20.4146,
-14.5503

■ 96.7920, 22.2875,
-8.5876

■ 5.1300, 19.6559,
-4.4990

■ 121.3190, 23.0137,
-8.1728

■ 3.2090, 9.7570,
-2.8143

■ 147.7320, 23.3031,
-7.6580

■ 0.0000, 0.0000,
0.0000

■ 174.0740, 24.6135,
-7.9579

■ 201.4870, 24.9029,
-7.4431

■ 226.6370, 13.9830,

-4.9436

252.3310, 1.3158,
-2.0443

49.0260, 20.6932,
-10.5468

49.0260, 20.6932,
-10.5468

42.2260, 24.0456,
-12.4762

55.8260, 17.3408,
-8.6174

34.8390, 27.6874,
-13.8908

63.2130, 13.6990,
-7.2028

28.0390, 31.0398,
-15.8202

70.0130, 10.3466,
-5.2734

20.6520, 34.6816,
-17.2348

77.4000, 6.7048,
-3.8588

20.3530, 34.8290,
-17.8496

84.4990, 3.2050,
-1.3146

■ 91.2990, -0.1474,
0.6148

■ 98.6860, -3.7892,
2.0294

■ 105.4860, -7.1416,
3.9588

■ 112.8730,
-10.7834, 5.3734

Harmonies

Analogous

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



42.3000, 24.9951, -37.0971



49.0260, 20.6932, -10.5468



51.5410, 13.0443, 16.1885

Triad

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



49.0260, 20.6932, -10.5468



48.6480, -16.0955, 29.2497



40.0080, 0.9821, -35.0870

Complementary

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



49.0260, 20.6932, -10.5468



78.9740, -20.6932, 10.5468

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.



41.8220, -10.2652, -20.8919



49.0260, 20.6932, -10.5468



47.0350, -23.1883, 17.5093

Square

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



49.0260, 20.6932, -10.5468



48.3250, -6.0762, 35.6720



45.5060, -20.9555, 1.3102



42.6300, 11.0284, -37.3865

Rectangle

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



49.0260, 20.6932, -10.5468



50.7120, 7.0440, 27.4396



45.5060, -20.9555, 1.3102



38.6230, -1.7861, -33.8724

Sweetspot

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



49.0260, 20.6932, -10.5468



100.7420, 8.0152, -4.1587



73.6000, 3.1552, -32.0982



48.6560, 5.0996, -2.3293



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.



49.0260, 20.6932, -10.5468



52.2670, 31.9134, -16.0202



47.9400, 21.2286, 4.4376



42.1570, 1.8946, -1.0147



24.2800, 42.2600, -21.2936



52.8460, 90.7879, -46.3459

Inverse Universe

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



54.2860, -3.5920, 32.1982



60.5270, -5.6828, 49.5268



80.0600, -21.2286, -4.4376



42.6090, -0.3002, 2.9739



35.1700, -7.4788, 65.6259



75.8790, -15.7163, 141.3031

Previews

White Background



This preview shows how the YUV color 49.0260, 20.6932, -10.5468 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 49.0260, 20.6932, -10.5468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

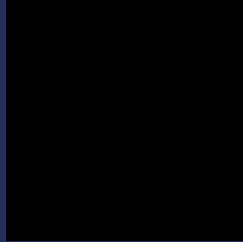
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.0260, 20.6932, -10.5468

Background



This preview shows how black text looks on a background with the YUV color 49.0260, 20.6932, -10.5468.



This preview shows how white text looks on a background with the YUV color 49.0260, 20.6932,

-10.5468.

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

49.0260, 20.6932, -10.5468

Protanopia

47.4380, 22.4621, -17.9241

Deuteranopia

42.2900, 23.5210, -30.9493



Tritanopia

45.8880, 6.4642, -20.0728

Trichromacy



Original Color

49.0260, 20.6932, -10.5468

Protanomaly

47.9330, 21.7250, -14.8502

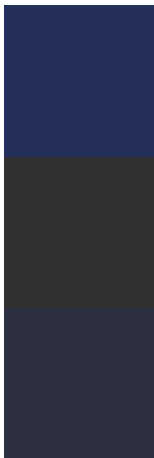
Deuteranomaly

44.9920, 22.1889, -23.6720

Tritanomaly

46.9900, 11.8369, -16.6542

Monochromacy



Original Color

49.0260, 20.6932, -10.5468

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.9270, 7.4310, -3.4440

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.0260, 20.6932, -10.5468 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(37, 47, 91)` looks like.

```
.text, #text, p{  
    color:rgb(37, 47, 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(37, 47, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 47, 91) }
```

Border

The CSS property to change the border of an element to YUV 49.0260, 20.6932, -10.5468 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(37, 47, 91) }
```


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

```
.border{ border-color:rgb(37, 47, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 47, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 47, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 47, 91);  
box-shadow:4px 4px 4px 4px rgb(37, 47, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.0260, 20.6932, -10.5468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 47, 91) }
```

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

```
.background{ background-color: rgb(37, 47,  
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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