

Converting Colors

YUV(50.9210, 6.4479, -14.8397)

Have a look what the booklet for
YUV(50.9210, 6.4479, -14.8397)
contains.

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Color

**YUV(50.9210, 6.4479,
-14.8397)**

Conversions

Conversions Part 1

Format	Color
Hex	223940
RGB	34, 57, 64
RGB Percent	13%, 22%, 25%
CMY	0.8667, 0.7765, 0.7490
CMYK	0.47, 0.11, 0.00, 0.75
HSL	194°, 31%, 19%
HSV	194°, 47%, 25%
XYZ	3.0482, 3.6365, 5.3917
YIQ	50.9210, -15.9550, -2.6990

Conversions

Conversions Part 2

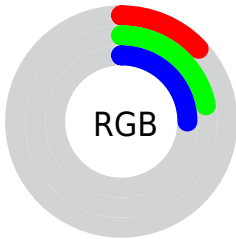
Format	Color
R_{YB}	34, 47, 64
Decimal	2242880
CIE _{Lab}	22.43, -6.80, -7.18
CIE _{LCh}	22, 9.888, 226.586
Yxy	3.6365, 0.2524, 0.3011
Android (android.graphics.Color)	4280432960 (0xFF223940)
YUV	50.9210, 6.4479, -14.8397
Hunter-Lab	19.0696, -4.8391, -3.4149

Details

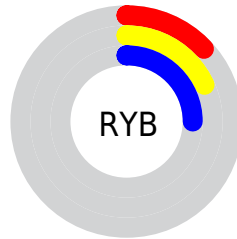
The YUV color **50.9210, 6.4479, -14.8397** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **47.0790, -6.4479, 14.8397**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.7360, 7.0322, -15.5545**, and **10.7260, 5.5581, -9.4067** is the 20% darker color. If you saturate the color by 10%, you get **48.5400, 7.6218, -18.0136**, and if you desaturate by 10%, it is **53.3020, 5.2741, -11.6659**.

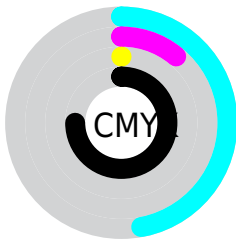
Distribution



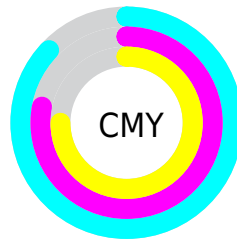
- Red (13%)
- Green (22%)
- Blue (25%)



- Red (13%)
- Yellow (18%)
- Blue (25%)



- Cyan (47%)
- Magenta (11%)
- Yellow (0%)
- Black (75%)



- Cyan (87%)
- Magenta (78%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.9210, 6.4479, -14.8397 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 50.9210, 6.4479, -14.8397 by changing the saturation by 10% instead.

■ 50.9210, 6.4479,
-14.8397

■ 50.9210, 6.4479,
-14.8397

■ 255.0000, 0.0000,
0.0000

■ 28.9210, 6.4479,
-14.8397

■ 97.7360, 7.0322,
-15.5545

■ 10.7260, 5.5581,
-9.4067

■ 122.7360, 7.0322,
-15.5545

■ 0.0000, 0.0000,
0.0000

■ 148.4370, 7.1796,
-16.1692

■ 175.4370, 7.1796,
-16.1692

■ 203.1380, 7.3270,
-16.7840

■ 231.2520, 7.7638,

-16.8840

250.5150, 2.2111,
-9.2217

50.9210, 6.4479,
-14.8397

50.9210, 6.4479,
-14.8397

48.5400, 7.6218,
-18.0136

53.3020, 5.2741,
-11.6659

45.2730, 9.2324,
-21.2874

56.5690, 3.6635,
-8.3920

42.8920, 10.4062,
-24.4613

58.9500, 2.4897,
-5.2181

39.6250, 12.0169,
-27.7351

62.2170, 0.8790,
-1.9443

37.2440, 13.1907,
-30.9090

64.5980, -0.2948,
1.2296

■ 36.0590, 13.7749,
-31.6237

■ 67.5660, -1.7580,
3.8886

■ 70.2460, -3.0793,
7.6773

■ 73.2140, -4.5425,
10.3363

■ 75.8940, -5.8637,
14.1250

Harmonies

Analogous

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



50.5250, 3.6852, -15.3694



50.9210, 6.4479, -14.8397



52.2960, 7.7421, -9.9066

Triad

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



50.9210, 6.4479, -14.8397



54.9950, 0.9885, 9.6514



52.7030, -6.2626, 2.0145

Complementary

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



50.9210, 6.4479, -14.8397



47.0790, -6.4479, 14.8397

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.



53.5080, -7.1524, 7.4475



50.9210, 6.4479, -14.8397



54.5070, -2.2220, 12.7104

Square

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



50.9210, 6.4479, -14.8397



54.5860, 4.6411, 4.7481



54.2850, -5.5635, 11.1511



51.8270, -4.3517, -4.2333

Rectangle

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



50.9210, 6.4479, -14.8397



53.5030, 7.1470, -5.7031



54.2850, -5.5635, 11.1511



53.4860, -7.1416, 3.9588

Sweetspot

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



50.9210, 6.4479, -14.8397



78.6510, 2.6371, -5.8329



52.4080, -5.6241, -16.1438



40.3200, 1.3212, -3.7886



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



50.9210, 6.4479, -14.8397



63.4900, 10.1114, -23.2317



42.1160, 10.7888, -7.1177



31.5160, 0.7316, -1.3295



54.4960, 20.9545, -47.7930



126.5000, 48.0675, -110.9405

Inverse Universe

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



45.5920, 5.6241, 16.1438



55.1570, 8.7966, 25.2953



55.8840, -10.7888, 7.1177



31.1250, 0.4314, 1.6444



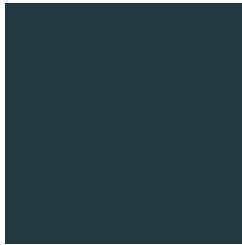
37.4390, 18.0246, 52.2350



86.5840, 42.1101, 120.5138

Previews

White Background



This preview shows how the YUV color 50.9210, 6.4479, -14.8397 looks on a white background.

Color Contrast Check

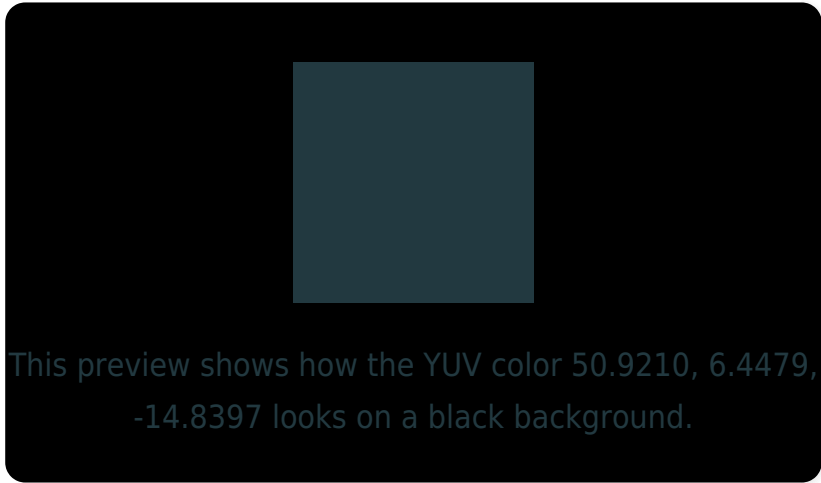
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

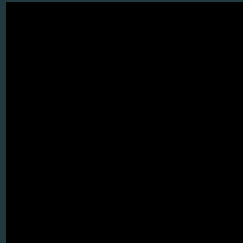
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

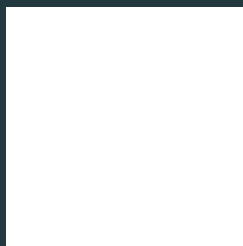
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 50.9210, 6.4479, -14.8397

Background



This preview shows how black text looks on a background with the YUV color 50.9210, 6.4479, -14.8397.



This preview shows how white text looks on a background with the YUV color 50.9210, 6.4479, -14.8397.

-14.8397.

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

50.9210, 6.4479, -14.8397

Protanopia

53.6130, 3.6418, -1.4146

Deuteranopia

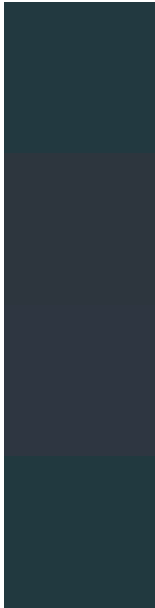
53.7810, 5.5310, -0.6849



Tritanopia

50.3940, 5.7218, -15.2545

Trichromacy



Original Color

50.9210, 6.4479, -14.8397

Protanomaly

52.2210, 4.8210, -6.3328

Deuteranomaly

52.8620, 5.9840, -6.0180

Tritanomaly

50.5080, 6.1586, -15.3545

Monochromacy



Original Color

50.9210, 6.4479, -14.8397

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.9500, 2.4897, -5.2181

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.9210, 6.4479, -14.8397 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(34, 57, 64)` looks like.

```
.text, #text, p{  
    color:rgb(34, 57, 64)  
}
```

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(34, 57, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 57, 64) }
```

Border

The CSS property to change the border of an element to YUV 50.9210, 6.4479, -14.8397 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(34, 57, 64) }
```


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

```
.border{ border-color:rgb(34, 57, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 57, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 57, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 57, 64);  
box-shadow:4px 4px 4px 4px rgb(34, 57, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.9210, 6.4479, -14.8397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 57, 64) }
```

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

```
.background{ background-color: rgb(34, 57,  
64) }
```

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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