

Converting Colors

YUV(65.9210, 6.4479, -14.8397)

Have a look what the booklet for
YUV(65.9210, 6.4479, -14.8397)
contains.

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Color

**YUV(65.9210, 6.4479,
-14.8397)**

Conversions

Conversions Part 1

Format	Color
Hex	31484F
RGB	49, 72, 79
RGB Percent	19%, 28%, 31%
CMY	0.8078, 0.7176, 0.6902
CMYK	0.38, 0.09, 0.00, 0.69
HSL	194°, 23%, 25%
HSV	194°, 38%, 31%
XYZ	4.9953, 5.8522, 8.2634
YIQ	65.9210, -15.9550, -2.6990

Conversions

Conversions Part 2

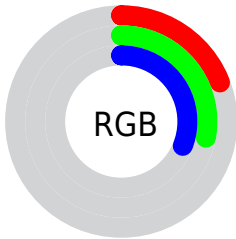
Format	Color
R_{YB}	49, 62, 79
Decimal	3229775
CIE Lab	29.04, -6.83, -7.03
CIE LCh	29, 9.803, 225.797
Yxy	5.8522, 0.2614, 0.3062
Android (android.graphics.Color)	4281419855 (0xFF31484F)
YUV	65.9210, 6.4479, -14.8397
Hunter-Lab	24.1913, -5.4764, -3.3187

Details

The YUV color **65.9210, 6.4479, -14.8397** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **62.0790, -6.4479, 14.8397**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.0350, 6.8847, -14.9397**, and **22.5080, 6.1586, -15.3545** is the 20% darker color. If you saturate the color by 10%, you get **62.3550, 8.2060, -18.7283**, and if you desaturate by 10%, it is **69.4870, 4.6899, -10.9511**.

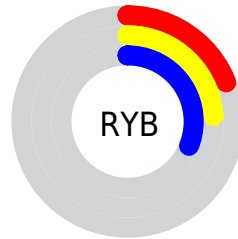
Distribution



Red (19%)

Green (28%)

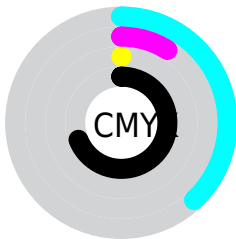
Blue (31%)



Red (19%)

Yellow (24%)

Blue (31%)

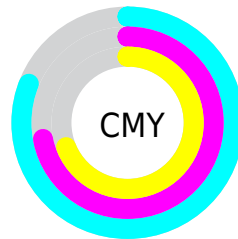


Cyan (38%)

Magenta (9%)

Yellow (0%)

Black (69%)



Cyan (81%)

Magenta (72%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.9210, 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 65.9210, 6.4479, -14.8397 by changing the saturation by 10% instead.

■ 65.9210, 6.4479,
-14.8397

■ 65.9210, 6.4479,
-14.8397

■ 255.0000, 0.0000,
0.0000

■ 43.8070, 6.0111,
-14.7397

■ 114.0350, 6.8847,
-14.9397

■ 22.5080, 6.1586,
-15.3545

■ 139.7360, 7.0322,
-15.5545

■ 2.0690, 5.3890,
-1.8145

■ 166.4370, 7.1796,
-16.1692

■ 0.0000, 0.0000,
0.0000

■ 193.4370, 7.1796,
-16.1692

■ 221.2520, 7.7638,
-16.8840

■ 247.5250, 3.6852,

-15.3694

■ 65.9210, 6.4479,
-14.8397

■ 65.9210, 6.4479,
-14.8397

■ 62.3550, 8.2060,
-18.7283

■ 69.4870, 4.6899,
-10.9511

■ 58.7890, 9.9640,
-22.6170

■ 73.0530, 2.9319,
-7.0625

■ 55.2230, 11.7221,
-26.5056

■ 76.6190, 1.1738,
-3.1739

■ 52.2440, 13.1907,
-30.9090

■ 79.5980, -0.2948,
1.2296

■ 48.9770, 14.8013,
-34.1828

■ 83.1640, -2.0529,
5.1182

■ 45.4110, 16.5594,
-38.0714

■ 86.4310, -3.6635,
8.3920

■ 44.8130, 16.8542,
-39.3010

■ 89.9970, -5.4215,
12.2806

■ 93.5630, -7.1796,
16.1692

■ 97.1290, -8.9376,
20.0579

Harmonies

Analogous

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



65.4110, 3.2484, -15.2694



65.9210, 6.4479, -14.8397



66.9970, 7.8895, -10.5214

Triad

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



65.9210, 6.4479, -14.8397



69.4080, 1.2779, 10.1662



67.5890, -6.6994, 2.1144

Complementary

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



65.9210, 6.4479, -14.8397



62.0790, -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.



68.8070, -7.2999, 8.0623



65.9210, 6.4479, -14.8397



69.5070, -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.



65.9210, 6.4479, -14.8397



69.5860, 4.6411, 4.7481



68.9970, -5.4215, 12.2806



66.5280, -4.2043, -4.8481

Rectangle

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



65.9210, 6.4479, -14.8397



68.5030, 7.1470, -5.7031



68.9970, -5.4215, 12.2806



67.7850, -7.2890, 4.5736

Sweetspot

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



65.9210, 6.4479, -14.8397



96.9500, 2.4896, -5.2182



67.4080, -5.6241, -16.1438



47.7330, 1.6106, -3.2738



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



65.9210, 6.4479, -14.8397



81.4900, 10.1114, -23.2317



57.1160, 10.7888, -7.1177



36.2170, 0.8790, -1.9443



57.4140, 21.9809, -50.3521



129.5320, 49.5307, -113.5996

Inverse Universe

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



60.5920, 5.6241, 16.1438



73.1570, 8.7966, 25.2953



70.8840, -10.7888, 7.1177



35.5380, 0.7208, 2.1592



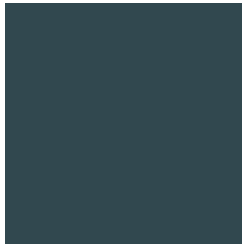
39.3900, 19.0347, 54.9090



88.8340, 42.9728, 123.8026

Previews

White Background



This preview shows how the YUV color 65.9210, 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



This preview shows how the YUV color 65.9210, 6.4479, -14.8397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

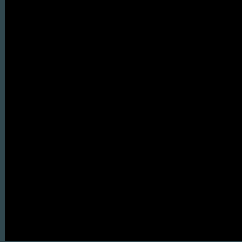
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.9210, 6.4479, -14.8397

Background



This preview shows how black text looks on a background with the YUV color 65.9210, 6.4479, -14.8397.



This preview shows how white text looks on a background with the YUV color 65.9210, 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

65.9210, 6.4479, -14.8397

Protanopia

68.6130, 3.6418, -1.4146

Deuteranopia

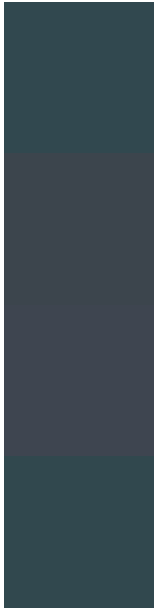
69.0800, 5.3836, -0.0702



Tritanopia

65.8070, 6.0111, -14.7397

Trichromacy



Original Color

65.9210, 6.4479, -14.8397

Protanomaly

67.2210, 4.8210, -6.3328

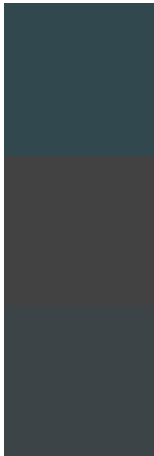
Deuteranomaly

68.1610, 5.8366, -5.4032

Tritanomaly

65.8070, 6.0111, -14.7397

Monochromacy



Original Color

65.9210, 6.4479, -14.8397

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.9500, 2.4897, -5.2181

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.9210, 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(49, 72, 79)` looks like.

```
.text, #text, p{  
    color:rgb(49, 72, 79)  
}
```

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(49, 72, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 72, 79) }
```

Border

The CSS property to change the border of an element to YUV 65.9210, 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(49, 72, 79) }
```


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

```
.border{ border-color:rgb(49, 72, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 72, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 72, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 72, 79);  
box-shadow:4px 4px 4px 4px rgb(49, 72, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.9210, 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(49, 72, 79) }
```

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

```
.background{ background-color: rgb(49, 72,  
79) }
```

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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