

Converting Colors

YUV(57.4130, 10.1494,
-35.4422)

Have a look what the booklet for
YUV(57.4130, 10.1494, -35.4422)
contains.

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Color

**YUV(57.4130, 10.1494,
-35.4422)**

Conversions

Conversions Part 1

Format	Color
Hex	114A4E
RGB	17, 74, 78
RGB Percent	7%, 29%, 31%
CMY	0.9333, 0.7098, 0.6941
CMYK	0.78, 0.05, 0.00, 0.69
HSL	184°, 64%, 19%
HSV	184°, 78%, 31%
XYZ	4.0551, 5.5668, 8.0685
YIQ	57.4130, -35.2560, -10.8400

Conversions

Conversions Part 2

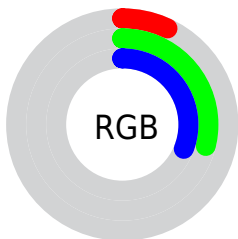
Format	Color
R_{YB}	17, 46, 78
Decimal	1133134
CIE _{Lab}	28.29, -16.20, -7.64
CIE _{LCh}	28, 17.913, 205.246
Yxy	5.5668, 0.2292, 0.3147
Android (android.graphics.Color)	4279323214 (0xFF114A4E)
YUV	57.4130, 10.1494, -35.4422
Hunter-Lab	23.5940, -10.6109, -3.7597

Details

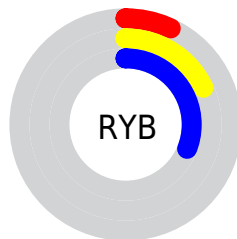
The YUV color **57.4130, 10.1494, -35.4422** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **37.5870, -10.1494, 35.4422**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.9080, 9.4124, -32.3683**, and **21.4860, 6.1694, -18.8432** is the 20% darker color. If you saturate the color by 10%, you get **54.4340, 11.6180, -39.8456**, and if you desaturate by 10%, it is **60.3920, 8.6807, -31.0388**.

Distribution



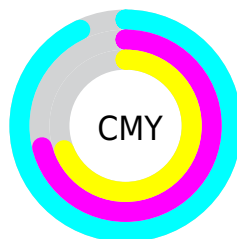
- Red (7%)
- Green (29%)
- Blue (31%)



- Red (7%)
- Yellow (18%)
- Blue (31%)



- Cyan (78%)
- Magenta (5%)
- Yellow (0%)
- Black (69%)



- Cyan (93%)
- Magenta (71%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.4130, 10.1494, -35.4422 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 57.4130, 10.1494, -35.4422 by changing the saturation by 10% instead.

■ 57.4130, 10.1494,
-35.4422

■ 57.4130, 10.1494,
-35.4422

■ 255.0000, 0.0000,
0.0000

■ 36.2070, 9.2649,
-31.7535

■ 107.9080, 9.4124,
-32.3683

■ 21.4860, 6.1694,
-18.8432

■ 133.9080, 9.4124,
-32.3683

■ 1.2540, 4.8048,
-1.0998

■ 160.6090, 9.5598,
-32.9831

■ 0.0000, 0.0000,
0.0000

■ 187.6090, 9.5598,
-32.9831

■ 215.3100, 9.7072,
-33.5979

■ 240.0500, 7.3704,

-30.7388

■ 248.7210, 3.0955,
-12.9103

■ 57.4130, 10.1494,
-35.4422

■ 57.4130, 10.1494,
-35.4422

■ 54.4340, 11.6180,
-39.8456

■ 60.3920, 8.6807,
-31.0388

■ 52.0420, 12.7973,
-44.7638

■ 62.7840, 7.5015,
-26.1206

■ 51.7430, 12.9447,
-45.3786

■ 65.4640, 6.1802,
-22.3319

■ 67.8560, 5.0010,
-17.4137

■ 70.8350, 3.5323,
-13.0103

■ 73.2270, 2.3531,
-8.0921

■ 76.2060, 0.8844,
-3.6887

■ 78.2990, -0.1474,
0.6148

■ 81.2780, -1.6161,
5.0182

Harmonies

Analogous

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



60.0030, 1.9705, -25.4356



57.4130, 10.1494, -35.4422



59.2870, 14.6485, -31.8237

Triad

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



57.4130, 10.1494, -35.4422



68.6130, 7.0928, 11.7404



65.9230, -13.2730, 10.5915

Complementary

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



57.4130, 10.1494, -35.4422



37.5870, -10.1494, 35.4422

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.



66.9610, -10.8268, 19.3282



57.4130, 10.1494, -35.4422



68.2460, 0.3717, 20.8323

Square

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



57.4130, 10.1494, -35.4422



67.4910, 12.0829, -2.1846



67.9490, -5.8909, 22.8467



64.3130, -11.4933, -0.2745

Rectangle

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



57.4130, 10.1494, -35.4422



62.7550, 14.9108, -22.5871



67.9490, -5.8909, 22.8467



66.6460, -13.1365, 13.4655

Sweetspot

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



57.4130, 10.1494, -35.4422



93.9490, 3.9691, -13.1103



53.1490, -16.3425, -31.7027



46.2270, 2.3531, -8.0921



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.



57.4130, 10.1494, -35.4422



69.7740, 15.8874, -55.9298



39.8030, 18.8311, -19.9982



36.8040, 0.5896, -2.4591



67.3930, 17.0613, -59.1037



151.8380, 38.5339, -133.1619

Inverse Universe

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



41.7370, 15.9057, 31.8027



44.9640, 25.1607, 50.0206



55.1970, -18.8311, 19.9982



35.6520, 1.1576, 2.0592



41.3280, 26.4603, 53.2093



93.1660, 59.5712, 120.0034

Previews

White Background



This preview shows how the YUV color 57.4130, 10.1494, -35.4422 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 57.4130, 10.1494, -35.4422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

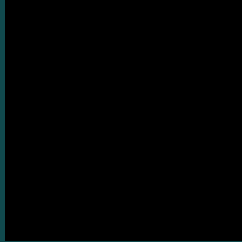
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.4130, 10.1494, -35.4422

Background



This preview shows how black text looks on a background with the YUV color 57.4130, 10.1494, -35.4422.



This preview shows how white text looks on a background with the YUV color 57.4130, 10.1494,

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

57.4130, 10.1494, -35.4422

Protanopia

66.7980, 3.0576, -0.6998

Deuteranopia

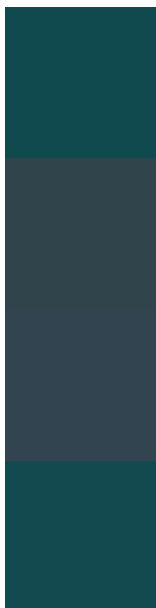
67.3080, 6.2572, -0.2701



Tritanopia

58.2390, 10.7282, -34.4126

Trichromacy



Original Color

57.4130, 10.1494, -35.4422

Protanomaly

63.4050, 5.7163, -13.5102

Deuteranomaly

63.5730, 7.6055, -12.7805

Tritanomaly

57.8260, 10.4388, -34.9274

Monochromacy



Original Color

57.4130, 10.1494, -35.4422

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9490, 3.9691, -13.1103

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.4130, 10.1494, -35.4422 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(17, 74, 78)` looks like.

```
.text, #text, p{  
    color:rgb(17, 74, 78)  
}
```

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(17, 74, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 74, 78) }
```

Border

The CSS property to change the border of an element to YUV 57.4130, 10.1494, -35.4422 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(17, 74, 78) }
```


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

```
.border{ border-color:rgb(17, 74, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 74, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 74, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 74, 78);  
box-shadow:4px 4px 4px 4px rgb(17, 74, 78)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.4130, 10.1494, -35.4422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 74, 78) }
```

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

```
.background{ background-color: rgb(17, 74,  
78) }
```

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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