

Converting Colors

YUV(50.7820, 13.9115,
-28.7498)

Have a look what the booklet for
YUV(50.7820, 13.9115, -28.7498)
contains.

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Color

**YUV(50.7820, 13.9115,
-28.7498)**

Conversions

Conversions Part 1

Format	Color
Hex	123E4F
RGB	18, 62, 79
RGB Percent	7%, 24%, 31%
CMY	0.9294, 0.7569, 0.6902
CMYK	0.77, 0.22, 0.00, 0.69
HSL	197°, 63%, 19%
HSV	197°, 77%, 31%
XYZ	3.3834, 4.1384, 8.0176
YIQ	50.7820, -31.6810, -4.0410

Conversions

Conversions Part 2

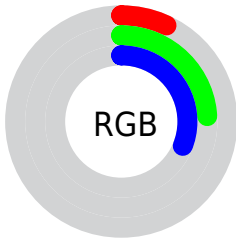
Format	Color
RYB	18, 44, 79
Decimal	1195599
CIELab	24.12, -8.47, -14.65
CIElCh	24, 16.922, 239.967
Yxy	4.1384, 0.2177, 0.2663
Android (android.graphics.Color)	4279385679 (0xFF123E4F)
YUV	50.7820, 13.9115, -28.7498
Hunter-Lab	20.3430, -5.9128, -9.1274

Details

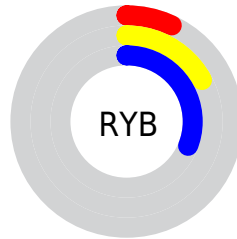
The YUV color **50.7820, 13.9115, -28.7498** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **46.2180, -13.9115, 28.7498**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.0920, 13.7586, -26.3907**, and **15.7300, 9.5001, -13.7952** is the 20% darker color. If you saturate the color by 10%, you get **47.2160, 15.6695, -32.6384**, and if you desaturate by 10%, it is **54.3480, 12.1534, -24.8612**.

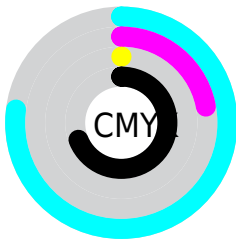
Distribution



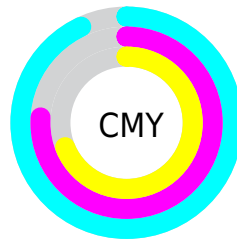
- Red (7%)
- Green (24%)
- Blue (31%)



- Red (7%)
- Yellow (17%)
- Blue (31%)



- Cyan (77%)
- Magenta (22%)
- Yellow (0%)
- Black (69%)



- Cyan (93%)
- Magenta (76%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.7820, 13.9115, -28.7498 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 50.7820, 13.9115, -28.7498 by changing the saturation by 10% instead.

■ 50.7820, 13.9115,
-28.7498

■ 50.7820, 13.9115,
-28.7498

■ 255.0000, 0.0000,
0.0000

■ 29.8640, 12.8850,
-26.1907

■ 100.0920, 13.7586,
-26.3907

■ 15.7300, 9.5001,
-13.7952

■ 125.5050, 14.0480,
-25.8759

■ 1.2540, 4.8048,
-1.0998

■ 151.6190, 14.4848,
-25.9759

■ 0.0000, 0.0000,
0.0000

■ 178.4340, 15.0690,
-26.6906

■ 206.4340, 15.0690,
-26.6906

■ 233.2940, 10.7011,

-25.6908

■ 248.1230, 3.3904,
-14.1399

■ 50.7820, 13.9115,
-28.7498

■ 50.7820, 13.9115,
-28.7498

■ 47.2160, 15.6695,
-32.6384

■ 54.3480, 12.1534,
-24.8612

■ 43.6500, 17.4276,
-36.5270

■ 57.9140, 10.3954,
-20.9726

■ 42.4650, 18.0118,
-37.2418

■ 62.0670, 8.3480,
-17.5988

■ 65.6330, 6.5899,
-13.7101

■ 68.9000, 4.9793,
-10.4363

■ 72.4660, 3.2213,
-6.5477

■ 76.0320, 1.4632,
-2.6591

■ 80.1850, -0.5842,
0.7148

■ 83.7510, -2.3422,
4.6034

Harmonies

Analogous

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



47.9400, 10.8756, -35.0274



50.7820, 13.9115, -28.7498



55.7560, 13.4313, -14.6950

Triad

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



50.7820, 13.9115, -28.7498



59.0070, -0.4965, 19.2879



55.0570, -9.8881, -1.8040

Complementary

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



50.7820, 13.9115, -28.7498



46.2180, -13.9115, 28.7498

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.



56.8410, -12.2466, 8.0324



50.7820, 13.9115, -28.7498



58.4110, -6.6116, 20.6876

Square

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



50.7820, 13.9115, -28.7498



59.1570, 5.3456, 12.1403



57.3520, -10.5265, 16.3543



53.3590, -4.6140, -13.4698

Rectangle

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



50.7820, 13.9115, -28.7498



57.9530, 11.3622, -4.3438



57.3520, -10.5265, 16.3543



55.4380, -11.0619, 1.3699

Sweetspot

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



50.7820, 13.9115, -28.7498



91.0140, 5.4161, -10.5363



55.6310, -10.6641, -33.0024



44.4660, 3.2213, -6.5477



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.



50.7820, 13.9115, -28.7498



58.3330, 21.5278, -45.0190



33.1720, 22.5932, -13.3058



36.2170, 0.8790, -1.9443



55.0660, 23.1385, -48.2929



123.6620, 52.4246, -108.4516

Inverse Universe

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



41.2550, 10.2273, 33.1024



43.2710, 16.1354, 51.5053



63.8280, -22.5932, 13.3058



35.5380, 0.7208, 2.1592



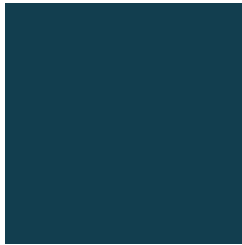
38.9340, 17.2875, 55.3089



87.6940, 38.6049, 124.8024

Previews

White Background



This preview shows how the YUV color 50.7820, 13.9115, -28.7498 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 50.7820, 13.9115, -28.7498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

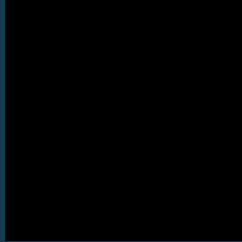
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

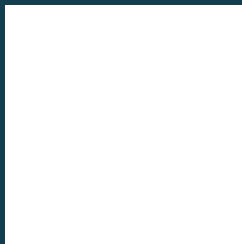
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 50.7820, 13.9115, -28.7498

Background



This preview shows how black text looks on a background with the YUV color 50.7820, 13.9115, -28.7498.



This preview shows how white text looks on a background with the YUV color 50.7820, 13.9115,

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

50.7820, 13.9115, -28.7498

Protanopia

57.5570, 8.5994, -4.8735

Deuteranopia

57.5290, 11.0782, -6.6029



Tritanopia

46.3310, 11.1758, -38.0013

Trichromacy



Original Color

50.7820, 13.9115, -28.7498

Protanomaly

55.2570, 10.2263, -13.3804

Deuteranomaly

55.1150, 12.2683, -15.0099

Tritanomaly

47.6950, 12.4754, -34.8125

Monochromacy



Original Color

50.7820, 13.9115, -28.7498

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.9000, 4.9793, -10.4363

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.7820, 13.9115, -28.7498 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(18, 62, 79)` looks like.

```
.text, #text, p{  
    color:rgb(18, 62, 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(18, 62, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 62, 79) }
```

Border

The CSS property to change the border of an element to YUV 50.7820, 13.9115, -28.7498 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(18, 62, 79) }
```


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

```
.border{ border-color:rgb(18, 62, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 62, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 62, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 62, 79);  
box-shadow:4px 4px 4px 4px rgb(18, 62, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.7820, 13.9115, -28.7498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 62, 79) }
```

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

```
.background{ background-color: rgb(18, 62,  
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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