

Converting Colors

YUV(58.9640, 17.7657,
-51.7114)

Have a look what the booklet for
YUV(58.9640, 17.7657, -51.7114)
contains.

YUV(58.9640, 17.7657, -51.7114)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(58.9640, 17.7657,
-51.7114)**

Conversions

Conversions Part 1

Format	Color
Hex	00525F
RGB	0, 82, 95
RGB Percent	0%, 32%, 37%
CMY	1.0000, 0.6784, 0.6275
CMYK	1.00, 0.14, 0.00, 0.63
HSL	188°, 100%, 19%
HSV	188°, 100%, 37%
XYZ	5.0829, 6.8608, 11.8828
YIQ	58.9640, -53.0450, -13.3410

Conversions

Conversions Part 2

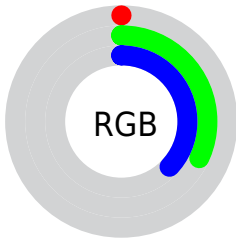
Format	Color
RYB	0, 44, 95
Decimal	21087
CIELab	31.49, -16.31, -13.70
CIELCh	31, 21.303, 220.025
Yxy	6.8608, 0.2133, 0.2879
Android (android.graphics.Color)	4278211167 (0xFF00525F)
YUV	58.9640, 17.7657, -51.7114
Hunter-Lab	26.1931, -11.1996, -8.5624

Details

The YUV color **58.9640, 17.7657, -51.7114** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **36.0360, -17.7657, 51.7114**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.3460, 15.1124, -40.6454**, and **27.3050, 10.6956, -23.9465** is the 20% darker color. If you saturate the color by 10%, you get **58.9640, 17.7657, -51.7114**, and if you desaturate by 10%, it is **62.2420, 16.1497, -46.6932**.

Distribution



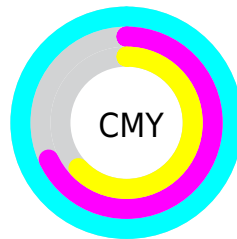
- Red (0%)
- Green (32%)
- Blue (37%)



- Red (0%)
- Yellow (17%)
- Blue (37%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (63%)



- Cyan (100%)
- Magenta (68%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.9640, 17.7657, -51.7114 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 58.9640, 17.7657, -51.7114 by changing the saturation by 10% instead.

■ 58.9640, 17.7657,
-51.7114

■ 58.9640, 17.7657,
-51.7114

■ 255.0000, 0.0000,
0.0000

■ 42.7270, 13.9386,
-37.4716

■ 114.3460, 15.1124,
-40.6454

■ 27.3050, 10.6956,
-23.9465

■ 140.7590, 15.4018,
-40.1306

■ 10.2360, 8.7577,
-8.9770

■ 167.7590, 15.4018,
-40.1306

■ 0.0000, 0.0000,
0.0000

■ 195.7590, 15.4018,
-40.1306

■ 223.7590, 15.4018,
-40.1306

■ 240.3490, 7.2229,

-30.1241

■ 249.0200, 2.9481,
-12.2955

■ 58.9640, 17.7657,
-51.7114

■ 62.2420, 16.1497,
-46.6932

■ 66.4060, 14.0968,
-41.5751

■ 69.9830, 12.3334,
-35.9421

■ 73.2610, 10.7173,
-30.9239

■ 76.8380, 8.9539,
-25.2909

■ 80.7030, 7.0484,
-20.7875

■ 84.2800, 5.2850,
-15.1546

■ 87.5580, 3.6689,
-10.1364

■ 91.7220, 1.6161,
-5.0182

Harmonies

Analogous

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



62.2120, 8.2765, -41.4049



58.9640, 17.7657, -51.7114



67.0140, 18.7271, -33.3383

Triad

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



58.9640, 17.7657, -51.7114



76.3860, 4.7397, 19.8325



72.6190, -15.5882, 6.4731

Complementary

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



58.9640, 17.7657, -51.7114



36.0360, -17.7657, 51.7114

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.



73.5110, -15.0419, 17.9689



58.9640, 17.7657, -51.7114



75.3670, -3.1389, 26.8651

Square

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



58.9640, 17.7657, -51.7114



76.1330, 11.7664, 6.0224



74.7060, -10.7011, 25.6908



70.0840, -10.8874, -7.9667

Rectangle

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



58.9640, 17.7657, -51.7114



71.7600, 17.3733, -19.0835



74.7060, -10.7011, 25.6908



72.8260, -16.1832, 10.6766

Sweetspot

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



58.9640, 17.7657, -51.7114



108.3010, 6.7536, -19.5580



57.2470, -21.8138, -50.2056



52.6610, 4.1111, -11.9807



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



58.9640, 17.7657, -51.7114



76.1300, 22.6139, -66.7660



31.3750, 31.3671, -27.5159



46.8040, 0.5896, -2.4591



69.7070, 20.8504, -61.1330



148.8690, 44.9276, -130.5581

Inverse Universe

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



37.7530, 21.8138, 50.2056



48.5620, 28.3169, 64.4051



63.6250, -31.3671, 27.5159



45.6520, 1.1576, 2.0592



44.5460, 25.8598, 59.1572



95.3580, 55.0395, 126.8510

Previews

White Background



This preview shows how the YUV color 58.9640, 17.7657, -51.7114 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 58.9640, 17.7657, -51.7114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

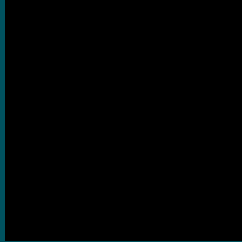
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.9640, 17.7657, -51.7114

Background



This preview shows how black text looks on a background with the YUV color 58.9640, 17.7657, -51.7114.



This preview shows how white text looks on a background with the YUV color 58.9640, 17.7657,

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

58.9640, 17.7657, -51.7114

Protanopia

74.8130, 6.9942, -3.3440

Deuteranopia

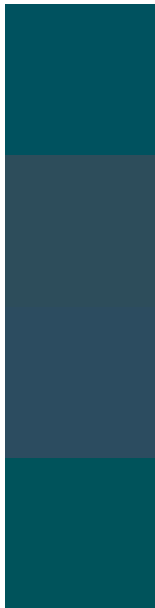
74.5400, 11.0728, -4.8586



Tritanopia

58.8670, 14.8556, -51.6264

Trichromacy



Original Color

58.9640, 17.7657, -51.7114

Protanomaly

69.0280, 10.8322, -21.0726

Deuteranomaly

68.7120, 13.4530, -21.6724

Tritanomaly

59.0950, 15.7292, -51.8263

Monochromacy



Original Color

58.9640, 17.7657, -51.7114

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.8990, 6.4588, -18.3284

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.9640, 17.7657, -51.7114 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(0, 82, 95)` looks like.

```
.text, #text, p{  
    color:rgb(0, 82, 95)  
}
```

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(0, 82, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 82, 95) }
```

Border

The CSS property to change the border of an element to YUV 58.9640, 17.7657, -51.7114 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(0, 82, 95) }
```


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

```
.border{ border-color:rgb(0, 82, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 82, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 82, 95); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 82, 95); box-shadow:4px  
4px 4px 4px rgb(0, 82, 95) }
```

Background

The CSS property to change the background color of an element to YUV 58.9640, 17.7657, -51.7114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 82, 95) }
```

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

```
.background{ background-color: rgb(0, 82,  
95) }
```

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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