

Converting Colors

YUV(93.7980, -17.1554, -4.2078)

Have a look what the booklet for
YUV(93.7980, -17.1554, -4.2078)
contains.

YUV(93.7980, -17.1554, -4.2078)	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(93.7980, -17.1554,
-4.2078)**

Conversions

Conversions Part 1

Format	Color
Hex	59673B
RGB	89, 103, 59
RGB Percent	35%, 40%, 23%
CMY	0.6510, 0.5961, 0.7686
CMYK	0.14, 0.00, 0.43, 0.60
HSL	79°, 27%, 32%
HSV	79°, 43%, 40%
XYZ	9.7595, 12.1401, 5.9666
YIQ	93.7980, 5.7800, -16.6520

Conversions

Conversions Part 2

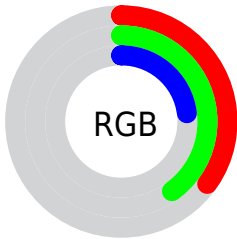
Format	Color
RYB	59, 103, 73
Decimal	5859131
CIELab	41.44, -13.44, 23.07
CIElCh	41, 26.696, 120.234
Yxy	12.1401, 0.3502, 0.4357
Android (android.graphics.Color)	4284049211 (0xFF59673B)
YUV	93.7980, -17.1554, -4.2078
Hunter-Lab	34.8427, -10.9765, 14.2369

Details

The YUV color **93.7980, -17.1554, -4.2078** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **68.2020, 17.1554, 4.2078**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.4560, -18.4658, -3.9079**, and **47.1400, -15.8450, -4.5078** is the 20% darker color. If you saturate the color by 10%, you get **91.7610, -21.0812, -5.0524**, and if you desaturate by 10%, it is **95.8350, -13.2297, -3.3633**.

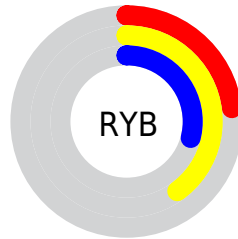
Distribution



 Red (35%)

 Green (40%)

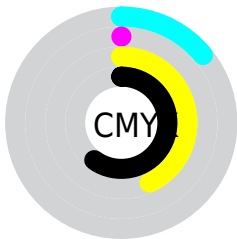
 Blue (23%)



 Red (23%)

 Yellow (40%)

 Blue (29%)

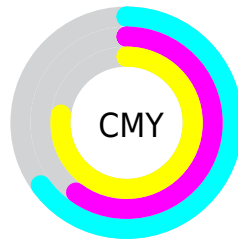


 Cyan (14%)

 Magenta (0%)

 Yellow (43%)

 Black (60%)



 Cyan (65%)

 Magenta (60%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.7980, -17.1554, -4.2078 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 93.7980, -17.1554, -4.2078 by changing the saturation by 10% instead.

■ 93.7980, -17.1554,
-4.2078

■ 93.7980, -17.1554,
-4.2078

■ 255.0000, 0.0000,
0.0000

■ 70.0260, -16.2818,
-4.4078

■ 144.4560,
-18.4658, -3.9079

■ 47.1400, -15.8450,
-4.5078

■ 170.9290,
-19.1920, -4.3227

■ 26.5360, -13.0822,
-3.9781

■ 198.2280,
-19.3394, -3.7080

■ 5.8700, -2.8939,
-5.1480

■ 226.7010,
-20.0656, -4.1228

■ 0.0000, 0.0000,
0.0000

■ 249.1300,
-17.3191, 1.6400

■ 253.5180, -5.6784,

1.2997

■ 93.7980, -17.1554,
-4.2078

■ 93.7980, -17.1554,
-4.2078

■ 91.7610, -21.0812,
-5.0524

■ 95.8350, -13.2297,
-3.3633

■ 89.3110, -25.2963,
-6.4117

■ 98.2850, -9.0145,
-2.0039

■ 87.2740, -29.2221,
-7.2563

■ 100.3220, -5.0887,
-1.1594

■ 85.2370, -33.1478,
-8.1008

■ 102.3590, -1.1630,
-0.3148

■ 83.2000, -37.0736,
-8.9454

■ 104.5100, 3.1996,
0.4297

■ 81.3910, -40.1258,
-9.9899

■ 106.8460, 6.9779,
1.8891

■ 108.8830, 10.9037,
2.7336

■ 110.9200, 14.8294,
3.5782

■ 113.0710, 19.1920,
4.3227

Harmonies

Analogous

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



95.8820, -21.1408, 14.1355



93.7980, -17.1554, -4.2078



90.1960, -7.4916, -23.8509

Triad

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



93.7980, -17.1554, -4.2078



83.2930, 25.4916, -56.3850



99.3940, -0.6872, 33.8575

Complementary

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



93.7980, -17.1554, -4.2078



68.2020, 17.1554, 4.2078

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.



100.3630, 9.6810, 21.6066



93.7980, -17.1554, -4.2078



94.2090, 23.0680, -25.6163

Square

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



93.7980, -17.1554, -4.2078



77.5490, 20.4353, -68.0105



99.4080, 18.0399, 0.5192



98.4730, -10.5862, 35.5422

Rectangle

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



93.7980, -17.1554, -4.2078



86.8010, 1.5771, -39.2905



99.4080, 18.0399, 0.5192



100.2950, 2.8126, 31.3133

Sweetspot

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



93.7980, -17.1554, -4.2078



131.5670, -6.6885, -1.3743



80.3740, -10.5374, 19.8430



66.5500, -4.2151, -1.3593



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



93.7980, -17.1554, -4.2078



120.5560, -26.8961, -6.6266



87.2200, -13.9125, -17.7329



49.8320, -1.8892, -0.7297



90.8270, -44.7777, -11.2493



191.3890, -94.3548, -23.1432

Inverse Universe

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



68.2020, 17.1554, 4.2078



80.4440, 26.8961, 6.6266



74.7800, 13.9125, 17.7329



47.1680, 1.8892, 0.7297



24.1730, 44.7777, 11.2493



50.6110, 94.3548, 23.1432

Previews

White Background



This preview shows how the YUV color 93.7980, -17.1554, -4.2078 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 × Fail

Black Background



This preview shows how the YUV color 93.7980, -17.1554, -4.2078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

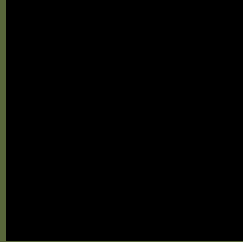
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.7980, -17.1554, -4.2078

Background



This preview shows how black text looks on a background with the YUV color 93.7980, -17.1554, -4.2078.



This preview shows how white text looks on a background with the YUV color 93.7980, -17.1554,

-4.2078.

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

93.7980, -17.1554, -4.2078

Protanopia

96.0170, -19.2354, 9.6321

Deuteranopia

96.8270, -17.6627, 18.5687



Tritanopia

97.9010, 3.4998, -2.5442

Trichromacy



Original Color

93.7980, -17.1554, -4.2078

Protanomaly

95.2120, -18.3455, 4.1991

Deuteranomaly

95.7720, -17.6356, 9.8470

Tritanomaly

96.5390, -4.2097, -3.1037

Monochromacy



Original Color

93.7980, -17.1554, -4.2078

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.6810, -6.2517, -1.4742

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.7980, -17.1554, -4.2078 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(89, 103, 59)` looks like.

```
.text, #text, p{  
    color:rgb(89, 103, 59)  
}
```

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(89, 103, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 103, 59) }
```

Border

The CSS property to change the border of an element to YUV 93.7980, -17.1554, -4.2078 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(89, 103, 59) }
```


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

```
.border{ border-color:rgb(89, 103, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 103, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 103, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 103, 59);  
box-shadow:4px 4px 4px 4px rgb(89, 103,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 93.7980, -17.1554, -4.2078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 103, 59) }
```

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

```
.background{ background-color: rgb(89, 103,  
59) }
```

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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