

Converting Colors

YUV(27.7880, 14.8945,
-17.3541)

Have a look what the booklet for
YUV(27.7880, 14.8945, -17.3541)
contains.

| | |
|--|----|
| YUV(27.7880, 14.8945, -17.3541) | 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(27.7880, 14.8945,
-17.3541)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 08203A |
| RGB | 8, 32, 58 |
| RGB Percent | 3%, 13%, 23% |
| CMY | 0.9686, 0.8745, 0.7725 |
| CMYK | 0.86, 0.45, 0.00, 0.77 |
| HSL | 211°, 76%, 13% |
| HSV | 211°, 86%, 23% |
| XYZ | 1.3804, 1.3901, 4.1986 |
| YIQ | 27.7880, -22.6500, 2.9980 |

Conversions

Conversions Part 2

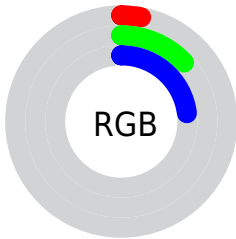
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 8, 24, 58 |
| Decimal | 532538 |
| CIE _{Lab} | 11.89, 1.77, -19.48 |
| CIE _{LCh} | 12, 19.559, 275.181 |
| Yxy | 1.3901, 0.1981, 0.1995 |
| Android (android.graphics.Color) | 4278722618 (0xFF08203A) |
| YUV | 27.7880, 14.8945, -17.3541 |
| Hunter-Lab | 11.7904, 0.2648, -12.8599 |

Details

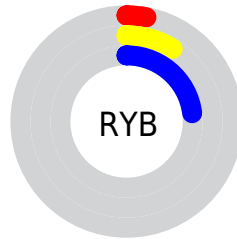
The YUV color **27.7880, 14.8945, -17.3541** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **38.2120, -14.8945, 17.3541**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.9240, 15.3205, -13.9653**, and **2.0690, 5.3890, -1.8145** is the 20% darker color. If you saturate the color by 10%, you get **24.2330, 16.6471, -19.4983**, and if you desaturate by 10%, it is **31.3430, 13.1419, -15.2098**.

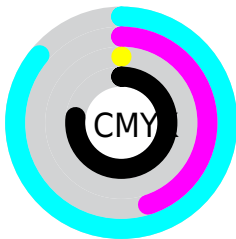
Distribution



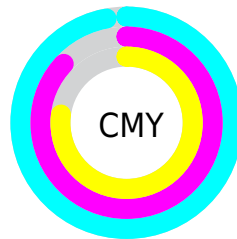
- Red (3%)
- Green (13%)
- Blue (23%)



- Red (3%)
- Yellow (9%)
- Blue (23%)



- Cyan (86%)
- Magenta (45%)
- Yellow (0%)
- Black (77%)



- Cyan (97%)
- Magenta (87%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.7880, 14.8945, -17.3541 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 27.7880, 14.8945, -17.3541 by changing the saturation by 10% instead.

■ 27.7880, 14.8945,
-17.3541

■ 27.7880, 14.8945,
-17.3541

■ 251.7110, 1.6215,
-6.7625

■ 8.8000, 13.4096,
-7.7176

■ 73.9240, 15.3205,
-13.9653

■ 2.0690, 5.3890,
-1.8145

■ 97.5650, 16.4835,
-13.6505

■ 0.0000, 0.0000,
0.0000

■ 122.6790, 16.9203,
-13.7505

■ 148.7930, 17.3571,
-13.8505

■ 175.7930, 17.3571,
-13.8505

■ 203.0210, 18.2306,

-14.0504

■ 229.5390, 12.5523,
-12.7507

■ 27.7880, 14.8945,
-17.3541

■ 27.7880, 14.8945,
-17.3541

■ 24.2330, 16.6471,
-19.4983

■ 31.3430, 13.1419,
-15.2098

■ 23.0480, 17.2313,
-20.2131

■ 34.8980, 11.3893,
-13.0655

■ 38.1540, 9.7841,
-11.5361

■ 41.7090, 8.0315,
-9.3918

■ 45.2640, 6.2788,
-7.2475

■ 48.8190, 4.5262,
-5.1033

■ 52.3740, 2.7736,
-2.9590

■ 55.6300, 1.1684,
-1.4295

■ 59.1850, -0.5842,
0.7148

Harmonies

Analogous

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



27.4020, 13.6058, -24.0316



27.7880, 14.8945, -17.3541



32.3560, 10.1775, 2.3188

Triad

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



27.7880, 14.8945, -17.3541



30.5960, -7.1958, 21.4023



24.7820, -2.8505, -19.1028

Complementary

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



27.7880, 14.8945, -17.3541



38.2120, -14.8945, 17.3541

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.



28.0630, -12.3561, -3.5633



27.7880, 14.8945, -17.3541



29.6140, -14.5997, 16.1245

Square

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



27.7880, 14.8945, -17.3541



31.2030, -1.0861, 21.7470



29.5590, -14.5726, 7.4028



26.0680, 3.4175, -22.8616

Rectangle

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



27.7880, 14.8945, -17.3541



32.6130, 7.0928, 11.7404



29.5590, -14.5726, 7.4028



26.0170, -5.9244, -13.1699

Sweetspot

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



27.7880, 14.8945, -17.3541



64.5630, 6.1314, -6.6328



40.3140, -3.1128, -28.3394



30.8900, 3.5052, -4.2885



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



27.7880, 14.8945, -17.3541



30.4970, 22.9260, -26.7459



13.9990, 21.6925, -4.3841



26.5160, 0.7316, -1.3295



36.3160, 27.4522, -31.8491



86.6010, 65.2727, -75.9491

Inverse Universe

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



25.6860, 3.1128, 28.3394



27.2410, 4.8112, 43.6386



52.0010, -21.6925, 4.3841



26.1250, 0.4314, 1.6444



32.5240, 5.6577, 52.1605



77.4510, 13.5817, 124.1385

Previews

White Background



This preview shows how the YUV color 27.7880, 14.8945, -17.3541 looks on a white background.

Color Contrast Check

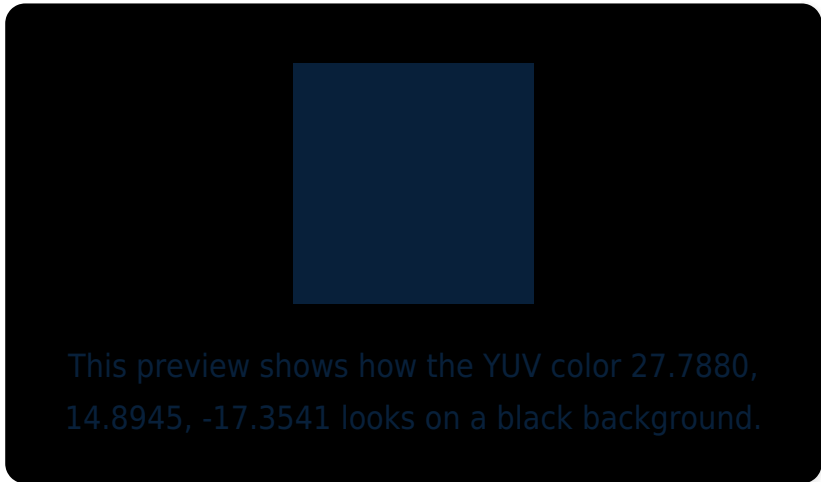
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

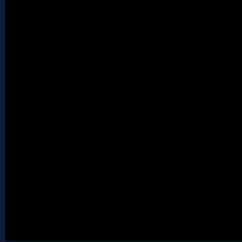
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.7880, 14.8945, -17.3541

Background



This preview shows how black text looks on a background with the YUV color 27.7880, 14.8945, -17.3541.



This preview shows how white text looks on a background with the YUV color 27.7880, 14.8945,

-17.3541.

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

27.7880, 14.8945, -17.3541

Protanopia

30.3760, 13.1256, -9.9768

Deuteranopia

25.2820, 15.6370, -22.1723



Tritanopia

24.8770, 6.4696, -21.8171

Trichromacy



Original Color

27.7880, 14.8945, -17.3541

Protanomaly

29.1800, 13.7153, -12.4359

Deuteranomaly

26.1790, 15.1948, -20.3280

Tritanomaly

25.9850, 9.3744, -20.1578

Monochromacy



Original Color

27.7880, 14.8945, -17.3541

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

27.7480, 5.5472, -5.9180

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.7880, 14.8945, -17.3541 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(8, 32, 58)` looks like.

```
.text, #text, p{  
    color:rgb(8, 32, 58)  
}
```

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(8, 32, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 32, 58) }
```

Border

The CSS property to change the border of an element to YUV 27.7880, 14.8945, -17.3541 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(8, 32, 58) }
```


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

```
.border{ border-color:rgb(8, 32, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 32, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 32, 58); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 32, 58); box-shadow:4px  
4px 4px 4px rgb(8, 32, 58) }
```

Background

The CSS property to change the background color of an element to YUV 27.7880, 14.8945, -17.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 32, 58) }
```

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

```
.background{ background-color: rgb(8, 32,  
58) }
```

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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