

Converting Colors

YUV(38.3380, 27.4414,
-28.3604)

Have a look what the booklet for
YUV(38.3380, 27.4414, -28.3604)
contains.

YUV(38.3380, 27.4414, -28.3604)	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(38.3380, 27.4414,
-28.3604)**

Conversions

Conversions Part 1

Format	Color
Hex	062C5E
RGB	6, 44, 94
RGB Percent	2%, 17%, 37%
CMY	0.9765, 0.8275, 0.6314
CMYK	0.94, 0.53, 0.00, 0.63
HSL	214°, 88%, 20%
HSV	214°, 94%, 37%
XYZ	2.9962, 2.6482, 10.9429
YIQ	38.3380, -38.6980, 7.4940

Conversions

Conversions Part 2

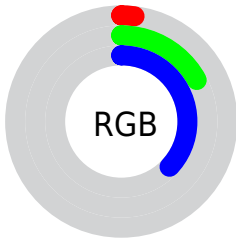
Format	Color
RYB	6, 33, 94
Decimal	404574
CIELab	18.58, 8.91, -33.37
CIELCh	19, 34.542, 284.952
Yxy	2.6482, 0.1806, 0.1597
Android (android.graphics.Color)	4278594654 (0xFF062C5E)
YUV	38.3380, 27.4414, -28.3604
Hunter-Lab	16.2734, 4.3860, -28.4777

Details

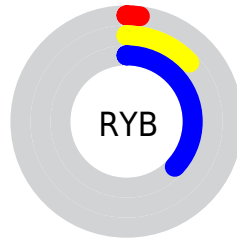
The YUV color **38.3380, 27.4414, -28.3604** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **61.6620, -27.4414, 28.3604**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.1050, 27.5562, -18.5091**, and **6.5320, 19.9507, -5.7286** is the 20% darker color. If you saturate the color by 10%, you get **34.7830, 29.1940, -30.5047**, and if you desaturate by 10%, it is **43.9640, 24.6677, -25.4014**.

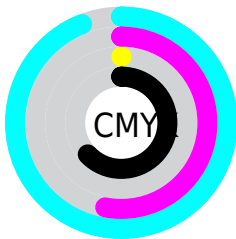
Distribution



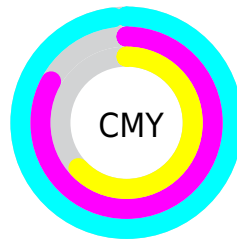
- Red (2%)
- Green (17%)
- Blue (37%)



- Red (2%)
- Yellow (13%)
- Blue (37%)



- Cyan (94%)
- Magenta (53%)
- Yellow (0%)
- Black (63%)



- Cyan (98%)
- Magenta (83%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.3380, 27.4414, -28.3604 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 38.3380, 27.4414, -28.3604 by changing the saturation by 10% instead.

■ 38.3380, 27.4414,
-28.3604

■ 38.3380, 27.4414,
-28.3604

■ 255.0000, 0.0000,
0.0000

■ 22.0680, 23.6305,
-19.3536

■ 89.1050, 27.5562,
-18.5091

■ 6.5320, 19.9507,
-5.7286

■ 114.3440, 28.4244,
-16.9647

■ 3.5510, 11.0674,
-3.1142

■ 140.4580, 28.8612,
-17.0647

■ 0.0000, 0.0000,
0.0000

■ 166.9850, 29.5874,
-16.6498

■ 194.3980, 29.8768,
-16.1350

■ 219.2060, 17.6464,

-13.3357

■ 244.3130, 5.2687,
-9.9215

■ 38.3380, 27.4414,
-28.3604

■ 38.3380, 27.4414,
-28.3604

■ 34.7830, 29.1940,
-30.5047

■ 43.9640, 24.6677,
-25.4014

■ 50.4760, 21.4573,
-22.3425

■ 56.1020, 18.6837,
-19.3835

■ 62.0270, 15.7627,
-15.8097

■ 68.2400, 12.6997,
-13.3655

■ 73.8660, 9.9261,
-10.4065

■ 79.7910, 7.0050,
-6.8327

■ 86.0040, 3.9420,
-4.3885

■ 91.9290, 1.0210,
-0.8147

Harmonies

Analogous

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



41.2400, 26.0107, -36.1675



38.3380, 27.4414, -28.3604



46.5560, 16.9809, 13.5444

Triad

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



38.3380, 27.4414, -28.3604



41.8660, -16.6959, 35.1975



36.4060, -2.6652, -31.9281

Complementary

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



38.3380, 27.4414, -28.3604



61.6620, -27.4414, 28.3604

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.



35.6390, -16.0910, -18.9774



38.3380, 27.4414, -28.3604



42.9260, -21.1625, 21.1129

Square

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



38.3380, 27.4414, -28.3604



40.4660, -3.1877, 42.5643



41.9300, -20.6715, 3.5694



39.3700, 8.6916, -34.5275

Rectangle

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



38.3380, 27.4414, -28.3604



44.4610, 11.1117, 29.4137



41.9300, -20.6715, 3.5694



34.9070, -5.8702, -30.6134

Sweetspot

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



38.3380, 27.4414, -28.3604



100.6810, 10.5103, -11.1212



63.3560, -3.6265, -50.3012



47.6770, 6.5682, -6.7327



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.



38.3380, 27.4414, -28.3604



45.0190, 37.9516, -39.4817



17.8260, 37.5538, -5.1094



42.7440, 1.6052, -1.5295



40.1290, 34.4464, -35.1931



86.8920, 74.0032, -76.2043

Inverse Universe

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



36.6440, 3.6265, 50.3012



42.5200, 5.1666, 69.7040



82.1740, -37.5538, 5.1094



42.7230, 0.1366, 2.8739



38.2480, 4.3147, 62.9265



82.4910, 9.6179, 135.5044

Previews

White Background



This preview shows how the YUV color 38.3380, 27.4414, -28.3604 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 38.3380, 27.4414, -28.3604 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 38.3380, 27.4414, -28.3604

Background



This preview shows how black text looks on a background with the YUV color 38.3380, 27.4414, -28.3604.



This preview shows how white text looks on a background with the YUV color 38.3380, 27.4414,

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

38.3380, 27.4414, -28.3604

Protanopia

36.5440, 28.3258, -32.0491

Deuteranopia

36.8230, 21.7793, -32.2938



Tritanopia

36.0930, 8.8282, -31.6536

Trichromacy



Original Color

38.3380, 27.4414, -28.3604

Protanomaly

37.1420, 28.0310, -30.8195

Deuteranomaly

37.4040, 23.9578, -31.0493

Tritanomaly

36.6400, 15.9535, -30.3793

Monochromacy



Original Color

38.3380, 27.4414, -28.3604

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.8660, 9.9261, -10.4065

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.3380, 27.4414, -28.3604 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(6, 44, 94)` looks like.

```
.text, #text, p{  
    color:rgb(6, 44, 94)  
}
```

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(6, 44, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 44, 94) }
```

Border

The CSS property to change the border of an element to YUV 38.3380, 27.4414, -28.3604 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(6, 44, 94) }
```


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

```
.border{ border-color:rgb(6, 44, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 44, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 44, 94); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 44, 94); box-shadow:4px  
4px 4px 4px rgb(6, 44, 94) }
```

Background

The CSS property to change the background color of an element to YUV 38.3380, 27.4414, -28.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 44, 94) }
```

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

```
.background{ background-color: rgb(6, 44,  
94) }
```

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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