

Converting Colors

YUV(41.9380, 27.6386, 1.8084)

Have a look what the booklet for
YUV(41.9380, 27.6386, 1.8084)
contains.

YUV(41.9380, 27.6386, 1.8084)	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(41.9380, 27.6386,
1.8084)**

Conversions

Conversions Part 1

Format	Color
Hex	2C1E62
RGB	44, 30, 98
RGB Percent	17%, 12%, 38%
CMY	0.8275, 0.8824, 0.6157
CMYK	0.55, 0.69, 0.00, 0.62
HSL	252°, 53%, 25%
HSV	252°, 69%, 38%
XYZ	3.7076, 2.3459, 11.8127
YIQ	41.9380, -13.4840, 24.1160

Conversions

Conversions Part 2

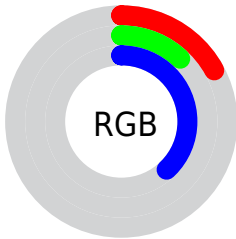
Format	Color
R_{YB}	44, 30, 98
Decimal	2891362
CIE Lab	17.21, 26.44, -38.13
CIE LCh	17, 46.404, 304.734
Yxy	2.3459, 0.2075, 0.1313
Android (android.graphics.Color)	4281081442 (0xFF2C1E62)
YUV	41.9380, 27.6386, 1.8084
Hunter-Lab	15.3162, 16.4060, -35.0062

Details

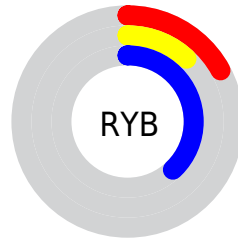
The YUV color **41.9380, 27.6386, 1.8084** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **86.0620, -27.6386, -1.8084**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.4160, 29.3749, 4.8972**, and **5.8140, 22.2767, -5.0989** is the 20% darker color. If you saturate the color by 10%, you get **33.6760, 31.7117, 2.0381**, and if you desaturate by 10%, it is **50.2000, 23.5654, 1.5786**.

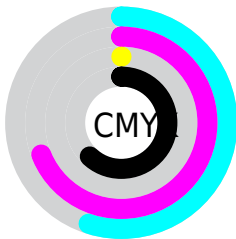
Distribution



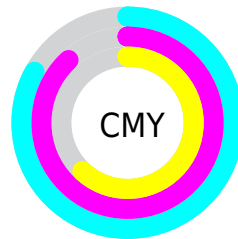
- Red (17%)
- Green (12%)
- Blue (38%)



- Red (17%)
- Yellow (12%)
- Blue (38%)



- Cyan (55%)
- Magenta (69%)
- Yellow (0%)
- Black (62%)



- Cyan (83%)
- Magenta (88%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.9380, 27.6386, 1.8084 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 41.9380, 27.6386, 1.8084 by changing the saturation by 10% instead.

■ 41.9380, 27.6386,
1.8084

■ 41.9380, 27.6386,
1.8084

■ 255.0000, 0.0000,
0.0000

■ 18.5030, 27.3600,
-2.1951

■ 89.4160, 29.3749,
4.8972

■ 5.8140, 22.2767,
-5.0989

■ 114.6550, 30.2431,
6.4416

■ 4.4800, 12.0884,
-3.9290

■ 140.2960, 31.4061,
6.7564

■ 0.0000, 0.0000,
0.0000

■ 167.1220, 31.9849,
7.7860

■ 193.9650, 30.0903,
8.8007

■ 218.4850, 18.0019,

12.7297

■ 242.0860, 6.3666,
11.3256

■ 41.9380, 27.6386,
1.8084

■ 41.9380, 27.6386,
1.8084

■ 33.6760, 31.7117,
2.0381

■ 50.2000, 23.5654,
1.5786

■ 25.4140, 35.7849,
2.2679

■ 58.4620, 19.4922,
1.3488

■ 18.0380, 39.4213,
2.5977

■ 65.8380, 15.8559,
1.0191

■ 17.1520, 39.8581,
2.4977

■ 74.1000, 11.7827,
0.7893

■ 82.3620, 7.7095,
0.5595

■ 90.6240, 3.6364,
0.3298

■ 98.5870, -0.2894,
-0.5148

■ 106.2620, -4.0732,
-0.2298

■ 114.5240, -8.1463,
-0.4595

Harmonies

Analogous

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



39.5420, 34.7358, -34.6783



41.9380, 27.6386, 1.8084



33.2100, 18.6305, 44.5428

Triad

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



41.9380, 27.6386, 1.8084



39.4480, -19.4479, 31.1791



37.6430, 4.6130, -33.0129

Complementary

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



41.9380, 27.6386, 1.8084



86.0620, -27.6386, -1.8084

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.



32.8380, -11.2591, -28.7989



41.9380, 27.6386, 1.8084



39.8920, -19.6668, 7.9877

Square

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



41.9380, 27.6386, 1.8084



28.3940, -13.9982, 56.6595



32.3400, -15.9436, -19.5922



41.4050, 19.0273, -36.3122

Rectangle

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



41.9380, 27.6386, 1.8084



34.1050, 7.8362, 53.4049



32.3400, -15.9436, -19.5922



36.2750, -0.6286, -31.8132

Sweetspot

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



41.9380, 27.6386, 1.8084



105.5730, 11.0565, 0.3745



69.4500, 14.0751, -34.5977



50.7210, 6.5465, 0.2447



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



41.9380, 27.6386, 1.8084



40.3630, 43.2050, 2.3126



52.1040, 22.6267, 22.7108



44.7550, 1.5998, 0.2149



19.6450, 45.5310, 2.9423



42.0110, 97.6086, 6.1294

Inverse Universe

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



56.4880, 13.5634, 36.4060



63.2700, 21.0659, 56.7682



75.8960, -22.6267, -22.7108



45.5380, 0.7208, 2.1592



43.6340, 22.3654, 59.9570



93.4200, 47.6139, 128.5507

Previews

White Background



This preview shows how the YUV color 41.9380, 27.6386, 1.8084 looks on a white background.

Color Contrast Check

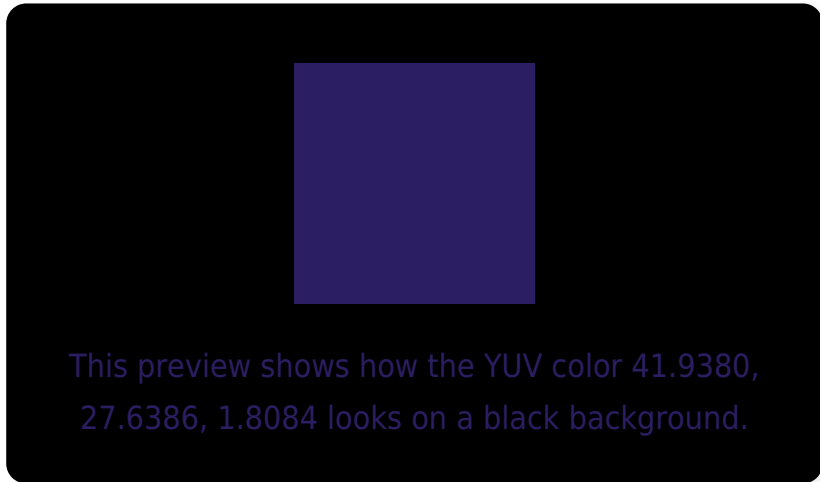
Large Text (above 18pt) WCAG AA ✓ Pass

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

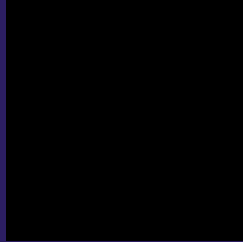
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.9380, 27.6386, 1.8084

Background



This preview shows how black text looks on a background with the YUV color 41.9380, 27.6386, 1.8084.



This preview shows how white text looks on a background with the YUV color 41.9380, 27.6386,

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

41.9380, 27.6386, 1.8084

Protanopia

33.9850, 26.1364, -29.8048

Deuteranopia

34.3780, 20.0266, -30.1495



Tritanopia

40.7750, 4.5479, -12.0807

Trichromacy



Original Color

41.9380, 27.6386, 1.8084

Protanomaly

36.8770, 26.6826, -18.3091

Deuteranomaly

37.1390, 22.6095, -18.5389

Tritanomaly

40.9850, 12.8254, -7.0028

Monochromacy



Original Color

41.9380, 27.6386, 1.8084

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.2310, 9.7461, 0.6744

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.9380, 27.6386, 1.8084 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(44, 30, 98)` looks like.

```
.text, #text, p{  
    color:rgb(44, 30, 98)  
}
```

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(44, 30, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 30, 98) }
```

Border

The CSS property to change the border of an element to YUV 41.9380, 27.6386, 1.8084 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(44, 30, 98) }
```


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

```
.border{ border-color:rgb(44, 30, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 30, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 30, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 30, 98);  
box-shadow:4px 4px 4px 4px rgb(44, 30, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.9380, 27.6386, 1.8084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 30, 98) }
```

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

```
.background{ background-color: rgb(44, 30,  
98) }
```

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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