

Converting Colors

YUV(47.7080, 22.8220,
-40.0859)

Have a look what the booklet for
YUV(47.7080, 22.8220, -40.0859)
contains.

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Color

**YUV(47.7080, 22.8220,
-40.0859)**

Conversions

Conversions Part 1

Format	Color
Hex	023E5E
RGB	2, 62, 94
RGB Percent	1%, 24%, 37%
CMY	0.9922, 0.7569, 0.6314
CMYK	0.98, 0.34, 0.00, 0.63
HSL	201°, 96%, 19%
HSV	201°, 98%, 37%
XYZ	3.7680, 4.2663, 11.2146
YIQ	47.7080, -46.0320, -2.7680

Conversions

Conversions Part 2

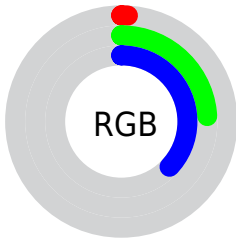
Format	Color
R_{YB}	2, 38, 94
Decimal	147038
CIE Lab	24.53, -4.22, -23.87
CIE LCh	25, 24.236, 259.967
Yxy	4.2663, 0.1958, 0.2216
Android (android.graphics.Color)	4278337118 (0xFF023E5E)
YUV	47.7080, 22.8220, -40.0859
Hunter-Lab	20.6550, -3.5831, -17.7327

Details

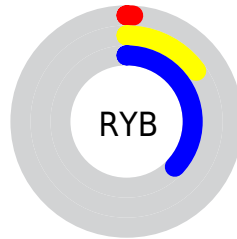
The YUV color **47.7080, 22.8220, -40.0859** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **48.2920, -22.8220, 40.0859**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.2470, 22.0632, -30.0346**, and **17.2120, 15.1785, -15.0949** is the 20% darker color. If you saturate the color by 10%, you get **46.5230, 23.4062, -40.8007**, and if you desaturate by 10%, it is **52.1600, 20.6271, -36.0973**.

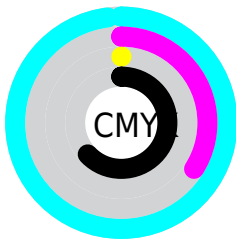
Distribution



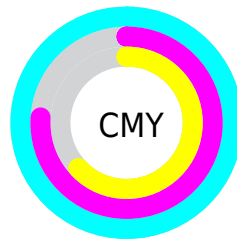
- Red (1%)
- Green (24%)
- Blue (37%)



- Red (1%)
- Yellow (15%)
- Blue (37%)



- Cyan (98%)
- Magenta (34%)
- Yellow (0%)
- Black (63%)



- Cyan (99%)
- Magenta (76%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.7080, 22.8220, -40.0859 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 47.7080, 22.8220, -40.0859 by changing the saturation by 10% instead.

■ 47.7080, 22.8220,
-40.0859

■ 47.7080, 22.8220,
-40.0859

■ 255.0000, 0.0000,
0.0000

■ 31.4600, 19.0002,
-27.5904

■ 100.2470, 22.0632,
-30.0346

■ 17.2120, 15.1785,
-15.0949

■ 126.5460, 21.9158,
-29.4198

■ 3.6650, 11.5042,
-3.2142

■ 153.0730, 22.6420,
-29.0050

■ 0.0000, 0.0000,
0.0000

■ 180.1870, 23.0788,
-29.1050

■ 207.3010, 23.5156,
-29.2050

■ 232.9950, 10.8485,

-26.3056

■ 248.1230, 3.3904,
-14.1399

■ 47.7080, 22.8220,
-40.0859

■ 47.7080, 22.8220,
-40.0859

■ 46.5230, 23.4062,
-40.8007

■ 52.1600, 20.6271,
-36.0973

■ 57.4980, 17.9955,
-32.0087

■ 61.9500, 15.8007,
-28.0201

■ 66.7010, 13.4584,
-23.4168

■ 71.1530, 11.2636,
-19.4282

■ 76.1920, 8.7793,
-15.9544

■ 80.9430, 6.4371,
-11.3510

■ 85.3950, 4.2423,
-7.3624

■ 90.1460, 1.9000,
-2.7590

Harmonies

Analogous

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



48.5460, 18.4648, -42.5748



47.7080, 22.8220, -40.0859



58.4240, 17.0460, -7.3878

Triad

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



47.7080, 22.8220, -40.0859



58.4060, -5.6232, 30.3389



52.7950, -9.2659, -14.7292

Complementary

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



47.7080, 22.8220, -40.0859



48.2920, -22.8220, 40.0859

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.



55.3580, -16.4455, 1.4400



47.7080, 22.8220, -40.0859



57.7230, -13.1744, 25.6759

Square

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



47.7080, 22.8220, -40.0859



59.2620, 2.8288, 26.0802



56.8050, -17.6519, 15.0800



45.1430, 2.8875, -39.5904

Rectangle

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



47.7080, 22.8220, -40.0859



60.0730, 12.7820, 6.9520



56.8050, -17.6519, 15.0800



53.7310, -12.1924, -9.4111

Sweetspot

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



47.7080, 22.8220, -40.0859



104.4910, 8.6319, -15.3396



59.5380, -13.0832, -50.4608



50.6120, 5.1213, -9.3067



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.



47.7080, 22.8220, -40.0859



60.8680, 30.1381, -53.3812



21.2930, 35.8446, -16.9200



43.3310, 1.3158, -2.0443



54.8040, 27.2116, -48.0631



118.0030, 58.6655, -103.4886

Inverse Universe

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



36.3480, 12.6464, 50.5608



45.5980, 16.9602, 67.0046



74.7070, -35.8446, 16.9200



42.8370, 0.5734, 2.7740



41.0980, 15.2347, 60.4271



88.5330, 32.7682, 130.2056

Previews

White Background



This preview shows how the YUV color 47.7080, 22.8220, -40.0859 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 47.7080, 22.8220, -40.0859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

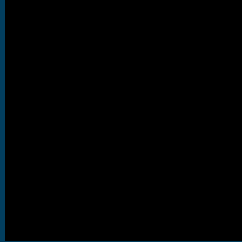
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.7080, 22.8220, -40.0859

Background



This preview shows how black text looks on a background with the YUV color 47.7080, 22.8220, -40.0859.



This preview shows how white text looks on a background with the YUV color 47.7080, 22.8220,

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

47.7080, 22.8220, -40.0859

Protanopia

58.3590, 15.5990, -9.9618

Deuteranopia

56.5260, 18.9677, -17.1243



Tritanopia

46.1350, 11.7654, -40.4604

Trichromacy



Original Color

47.7080, 22.8220, -40.0859

Protanomaly

54.2760, 18.1049, -20.4131

Deuteranomaly

53.2260, 20.5946, -25.6312

Tritanomaly

46.8730, 15.8386, -40.2306

Monochromacy



Original Color

47.7080, 22.8220, -40.0859

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.7900, 8.4845, -14.7248

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.7080, 22.8220, -40.0859 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(2, 62, 94)` looks like.

```
.text, #text, p{  
    color:rgb(2, 62, 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(2, 62, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 62, 94) }
```

Border

The CSS property to change the border of an element to YUV 47.7080, 22.8220, -40.0859 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(2, 62, 94) }
```


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

```
.border{ border-color:rgb(2, 62, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 62, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 62, 94); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 62, 94); box-shadow:4px  
4px 4px 4px rgb(2, 62, 94) }
```

Background

The CSS property to change the background color of an element to YUV 47.7080, 22.8220, -40.0859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 62, 94) }
```

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

```
.background{ background-color: rgb(2, 62,  
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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