

Converting Colors

YUV(38.1590, 25.5576,
-30.8344)

Have a look what the booklet for
YUV(38.1590, 25.5576, -30.8344)
contains.

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Color

**YUV(38.1590, 25.5576,
-30.8344)**

Conversions

Conversions Part 1

Format	Color
Hex	032E5A
RGB	3, 46, 90
RGB Percent	1%, 18%, 35%
CMY	0.9882, 0.8196, 0.6471
CMYK	0.97, 0.49, 0.00, 0.65
HSL	210°, 94%, 18%
HSV	210°, 97%, 35%
XYZ	2.8600, 2.7115, 10.0455
YIQ	38.1590, -39.7520, 4.5680

Conversions

Conversions Part 2

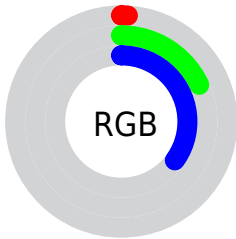
Format	Color
R_{YB}	3, 32, 90
Decimal	208474
CIE Lab	18.85, 5.30, -30.29
CIE LCh	19, 30.748, 279.934
Yxy	2.7115, 0.1831, 0.1736
Android (android.graphics.Color)	4278398554 (0xFF032E5A)
YUV	38.1590, 25.5576, -30.8344
Hunter-Lab	16.4667, 2.1858, -24.6430

Details

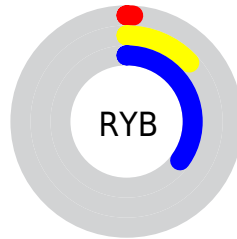
The YUV color **38.1590, 25.5576, -30.8344** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **54.8410, -25.5576, 30.8344**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.9260, 25.6725, -20.9831**, and **6.7770, 18.3509, -5.9434** is the 20% darker color. If you saturate the color by 10%, you get **36.0880, 26.5786, -31.6492**, and if you desaturate by 10%, it is **43.7850, 22.7840, -27.8754**.

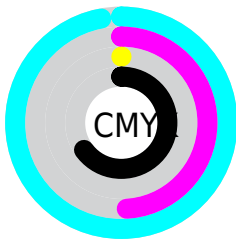
Distribution



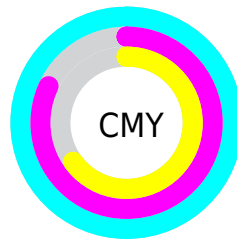
- Red (1%)
- Green (18%)
- Blue (35%)



- Red (1%)
- Yellow (13%)
- Blue (35%)



- Cyan (97%)
- Magenta (49%)
- Yellow (0%)
- Black (65%)



- Cyan (99%)
- Magenta (82%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.1590, 25.5576, -30.8344 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 38.1590, 25.5576, -30.8344 by changing the saturation by 10% instead.

■ 38.1590, 25.5576,
-30.8344

■ 38.1590, 25.5576,
-30.8344

■ 255.0000, 0.0000,
0.0000

■ 22.7860, 21.3045,
-19.9833

■ 88.9260, 25.6725,
-20.9831

■ 6.7770, 18.3509,
-5.9434

■ 114.6380, 25.8145,
-19.8535

■ 3.0950, 9.3202,
-2.7143

■ 140.1650, 26.5407,
-19.4387

■ 0.0000, 0.0000,
0.0000

■ 166.6920, 27.2668,
-19.0239

■ 194.8060, 27.7036,
-19.1239

■ 219.4830, 17.5099,

-16.2096

■ 244.8780, 4.9901,
-13.9250

■ 38.1590, 25.5576,
-30.8344

■ 38.1590, 25.5576,
-30.8344

■ 36.0880, 26.5786,
-31.6492

■ 43.7850, 22.7840,
-27.8754

■ 48.8240, 20.2998,
-24.4016

■ 54.4500, 17.5262,
-21.4426

■ 59.4890, 15.0419,
-17.9689

■ 65.1150, 12.2683,
-15.0099

■ 70.1540, 9.7841,
-11.5361

■ 75.7800, 7.0105,
-8.5771

■ 80.8190, 4.5262,
-5.1033

■ 86.4450, 1.7526,
-2.1443

Harmonies

Analogous

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



40.5560, 23.3899, -35.5676



38.1590, 25.5576, -30.8344



46.9960, 16.2710, 7.8965

Triad

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



38.1590, 25.5576, -30.8344



43.2940, -12.4699, 33.0682



35.7050, -2.8126, -31.3133

Complementary

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



38.1590, 25.5576, -30.8344



54.8410, -25.5576, 30.8344

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.



38.7970, -15.6759, -12.1000



38.1590, 25.5576, -30.8344



43.5240, -21.4573, 22.3425

Square

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



38.1590, 25.5576, -30.8344



43.6610, -2.2979, 37.1313



42.8380, -21.1191, 7.1581



38.9140, 6.9444, -34.1276

Rectangle

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



38.1590, 25.5576, -30.8344



46.4170, 11.1334, 22.4363



42.8380, -21.1191, 7.1581



34.2060, -6.0176, -29.9987

Sweetspot

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



38.1590, 25.5576, -30.8344



96.8550, 9.9315, -12.1508



59.0850, -5.9579, -49.1865



46.2640, 6.2788, -7.2475



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



38.1590, 25.5576, -30.8344



47.3840, 34.3207, -41.5558



12.9180, 38.0014, -8.6981



43.3310, 1.3158, -2.0443



44.2380, 32.4207, -38.7967



95.6970, 69.6624, -83.9263

Inverse Universe

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



33.9150, 5.9579, 49.1865



41.5950, 8.0877, 66.1302



80.0820, -38.0014, 8.6981



42.8370, 0.5734, 2.7740



39.0460, 7.3723, 62.2267



84.2010, 16.1699, 134.0047

Previews

White Background



This preview shows how the YUV color 38.1590, 25.5576, -30.8344 looks on a white background.

Color Contrast Check

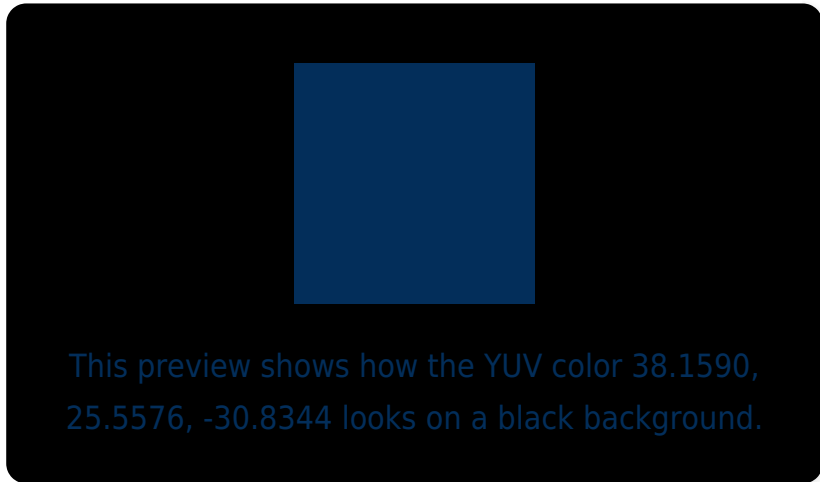
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.1590, 25.5576, -30.8344

Background



This preview shows how black text looks on a background with the YUV color 38.1590, 25.5576, -30.8344.



This preview shows how white text looks on a background with the YUV color 38.1590, 25.5576,

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

38.1590, 25.5576, -30.8344

Protanopia

43.1390, 22.6095, -18.5389

Deuteranopia

37.6380, 22.3635, -33.0085



Tritanopia

36.7940, 8.9756, -32.2683

Trichromacy



Original Color

38.1590, 25.5576, -30.8344

Protanomaly

41.0460, 23.6413, -22.8423

Deuteranomaly

37.6920, 23.8158, -32.1789

Tritanomaly

37.4010, 15.0853, -31.9237

Monochromacy



Original Color

38.1590, 25.5576, -30.8344

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.0400, 9.3473, -11.4361

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.1590, 25.5576, -30.8344 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(3, 46, 90)` looks like.

```
.text, #text, p{  
    color:rgb(3, 46, 90)  
}
```

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(3, 46, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 46, 90) }
```

Border

The CSS property to change the border of an element to YUV 38.1590, 25.5576, -30.8344 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(3, 46, 90) }
```


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

```
.border{ border-color:rgb(3, 46, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 46, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 46, 90); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 46, 90); box-shadow:4px  
4px 4px 4px rgb(3, 46, 90) }
```

Background

The CSS property to change the background color of an element to YUV 38.1590, 25.5576, -30.8344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 46, 90) }
```

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

```
.background{ background-color: rgb(3, 46,  
90) }
```

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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