

Converting Colors

YUV(38.6010, 21.8887,
-20.6981)

Have a look what the booklet for
YUV(38.6010, 21.8887, -20.6981)
contains.

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Color

**YUV(38.6010, 21.8887,
-20.6981)**

Conversions

Conversions Part 1

Format	Color
Hex	0F2A53
RGB	15, 42, 83
RGB Percent	6%, 16%, 33%
CMY	0.9412, 0.8353, 0.6745
CMYK	0.82, 0.49, 0.00, 0.67
HSL	216°, 69%, 19%
HSV	216°, 82%, 33%
XYZ	2.5863, 2.3820, 8.5071
YIQ	38.6010, -29.2530, 7.0270

Conversions

Conversions Part 2

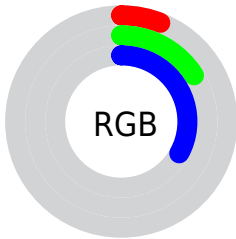
Format	Color
R_YB	15, 34, 83
Decimal	993875
CIE Lab	17.38, 6.53, -27.96
CIE LCh	17, 28.707, 283.139
Yxy	2.3820, 0.1919, 0.1768
Android (android.graphics.Color)	4279183955 (0xFF0F2A53)
YUV	38.6010, 21.8887, -20.6981
Hunter-Lab	15.4338, 2.9028, -21.8769

Details

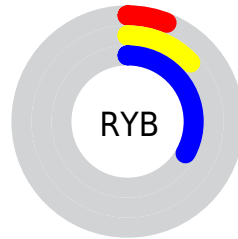
The YUV color **38.6010, 21.8887, -20.6981** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **59.3990, -21.8887, 20.6981**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.8620, 22.7460, -15.6650**, and **5.5060, 16.0195, -4.8288** is the 20% darker color. If you saturate the color by 10%, you get **33.2740, 24.5149, -23.0423**, and if you desaturate by 10%, it is **43.9280, 19.2625, -18.3539**.

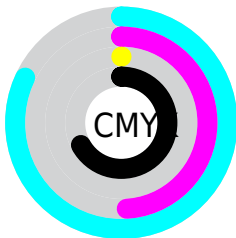
Distribution



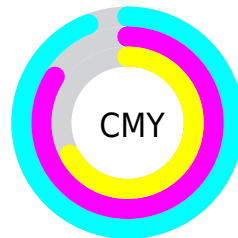
- Red (6%)
- Green (16%)
- Blue (33%)



- Red (6%)
- Yellow (13%)
- Blue (33%)



- Cyan (82%)
- Magenta (49%)
- Yellow (0%)
- Black (67%)



- Cyan (94%)
- Magenta (84%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.6010, 21.8887, -20.6981 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 38.6010, 21.8887, -20.6981 by changing the saturation by 10% instead.

■ 38.6010, 21.8887,
-20.6981

■ 38.6010, 21.8887,
-20.6981

■ 255.0000, 0.0000,
0.0000

■ 19.7540, 19.8413,
-17.3243

■ 86.8620, 22.7460,
-15.6650

■ 5.5060, 16.0195,
-4.8288

■ 111.3890, 23.4722,
-15.2502

■ 2.1830, 5.8258,
-1.9145

■ 137.2150, 24.0510,
-14.2206

■ 0.0000, 0.0000,
0.0000

■ 164.0300, 24.6352,
-14.9353

■ 191.5570, 25.3614,
-14.5205

■ 217.1460, 18.6620,

-12.4060

■ 242.5410, 6.1423,
-10.1215

■ 38.6010, 21.8887,
-20.6981

■ 38.6010, 21.8887,
-20.6981

■ 33.2740, 24.5149,
-23.0423

■ 43.9280, 19.2625,
-18.3539

■ 28.8330, 26.7043,
-25.2865

■ 49.5540, 16.4889,
-15.3949

■ 54.8810, 13.8627,
-13.0506

■ 60.2080, 11.2365,
-10.7064

■ 65.8340, 8.4628,
-7.7474

■ 71.1610, 5.8366,
-5.4032

■ 76.4880, 3.2104,
-3.0590

■ 81.8150, 0.5842,
-0.7148

■ 87.4410, -2.1894,
2.2442

Harmonies

Analogous

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



37.5240, 21.9267, -32.9085



38.6010, 21.8887, -20.6981



44.1380, 14.2290, 9.5260

Triad

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



38.6010, 21.8887, -20.6981



41.1580, -12.8959, 29.6794



33.9440, -1.9444, -29.7689

Complementary

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



38.6010, 21.8887, -20.6981



59.3990, -21.8887, 20.6981

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.



36.0680, -13.3445, -13.2146



38.6010, 21.8887, -20.6981



40.5560, -19.9941, 19.6834

Square

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



38.6010, 21.8887, -20.6981



40.7100, -3.3080, 34.4573



39.2830, -19.3665, 5.0138



36.3380, 7.2284, -31.8684

Rectangle

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



38.6010, 21.8887, -20.6981



43.5480, 9.0968, 22.3214



39.2830, -19.3665, 5.0138



32.5590, -4.7126, -28.5542

Sweetspot

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



38.6010, 21.8887, -20.6981



89.5350, 8.6102, -8.3622



59.5900, -1.7699, -39.1054



43.0470, 5.3998, -5.3032



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



38.6010, 21.8887, -20.6981



38.6240, 33.7094, -32.1192



24.8450, 28.6704, -2.4951



38.0430, 1.4578, -0.9147



36.6240, 33.7094, -32.1192



80.4520, 74.7132, -70.5564

Inverse Universe

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



38.4100, 1.7699, 39.1054



38.1830, 2.8678, 60.3525



73.1550, -28.6704, 2.4951



38.3100, -0.1528, 2.3591



36.1830, 2.8678, 60.3525



79.8560, 5.9870, 133.4303

Previews

White Background



This preview shows how the YUV color 38.6010, 21.8887, -20.6981 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 38.6010, 21.8887, -20.6981 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 38.6010, 21.8887, -20.6981

Background



This preview shows how black text looks on a background with the YUV color 38.6010, 21.8887, -20.6981.



This preview shows how white text looks on a background with the YUV color 38.6010, 21.8887,

-20.6981.

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

38.6010, 21.8887, -20.6981

Protanopia

39.7970, 21.2991, -18.2390

Deuteranopia

34.6060, 20.9002, -30.3495



Tritanopia

33.9900, 8.3859, -29.8092

Trichromacy



Original Color

38.6010, 21.8887, -20.6981

Protanomaly

39.4980, 21.4465, -18.8537

Deuteranomaly

35.7420, 21.3262, -26.9607

Tritanomaly

35.6790, 13.4693, -26.9055

Monochromacy



Original Color

38.6010, 21.8887, -20.6981

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.7200, 8.0260, -7.6474

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.6010, 21.8887, -20.6981 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(15, 42, 83)` looks like.

```
.text, #text, p{  
    color:rgb(15, 42, 83)  
}
```

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(15, 42, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 42, 83) }
```

Border

The CSS property to change the border of an element to YUV 38.6010, 21.8887, -20.6981 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(15, 42, 83) }
```


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

```
.border{ border-color:rgb(15, 42, 83) }
```

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

Here you see how a box with a 4 pixel rgb(15, 42, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 42, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 42, 83);  
box-shadow:4px 4px 4px 4px rgb(15, 42, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.6010, 21.8887, -20.6981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 42, 83) }
```

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

```
.background{ background-color: rgb(15, 42,  
83) }
```

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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