

Converting Colors

YUV(37.9200, 24.6894,
-32.3788)

Have a look what the booklet for
YUV(37.9200, 24.6894, -32.3788)
contains.

YUV(37.9200, 24.6894, -32.3788)	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(37.9200, 24.6894,
-32.3788)**

Conversions

Conversions Part 1

Format	Color
Hex	012F58
RGB	1, 47, 88
RGB Percent	0%, 18%, 35%
CMY	0.9961, 0.8157, 0.6549
CMYK	0.99, 0.47, 0.00, 0.65
HSL	208°, 98%, 17%
HSV	208°, 99%, 35%
XYZ	2.7905, 2.7441, 9.6151
YIQ	37.9200, -40.5770, 2.9990

Conversions

Conversions Part 2

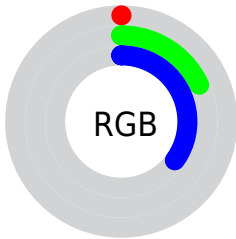
Format	Color
R_{YB}	1, 31, 88
Decimal	77656
CIE _{Lab}	18.99, 3.44, -28.74
CIE _{LCh}	19, 28.942, 276.817
Yxy	2.7441, 0.1842, 0.1811
Android (android.graphics.Color)	4278267736 (0xFF012F58)
YUV	37.9200, 24.6894, -32.3788
Hunter-Lab	16.5652, 1.0800, -22.8186

Details

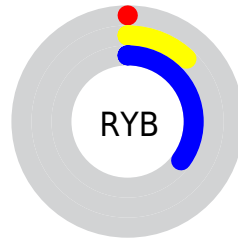
The YUV color **37.9200, 24.6894, -32.3788** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **51.0800, -24.6894, 32.3788**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.8720, 24.2201, -21.8127**, and **6.5490, 17.4773, -5.7435** is the 20% darker color. If you saturate the color by 10%, you get **37.6210, 24.8368, -32.9936**, and if you desaturate by 10%, it is **42.9590, 22.2052, -28.9050**.

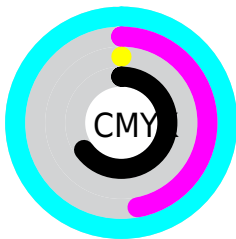
Distribution



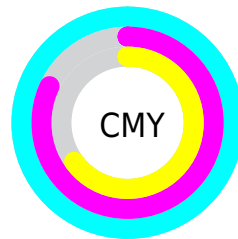
- Red (0%)
- Green (18%)
- Blue (35%)



- Red (0%)
- Yellow (12%)
- Blue (35%)



- Cyan (99%)
- Magenta (47%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (82%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.9200, 24.6894, -32.3788 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 37.9200, 24.6894, -32.3788 by changing the saturation by 10% instead.

■ 37.9200, 24.6894,
-32.3788

■ 37.9200, 24.6894,
-32.3788

■ 255.0000, 0.0000,
0.0000

■ 23.1450, 20.1415,
-20.2982

■ 88.8720, 24.2201,
-21.8127

■ 6.5490, 17.4773,
-5.7435

■ 114.3990, 24.9463,
-21.3979

■ 2.8670, 8.4466,
-2.5144

■ 139.9260, 25.6725,
-20.9831

■ 0.0000, 0.0000,
0.0000

■ 167.0400, 26.1093,
-21.0831

■ 194.5670, 26.8355,
-20.6683

■ 220.0590, 17.2259,

-18.4687

■ 245.1660, 4.8482,
-15.0546

■ 37.9200, 24.6894,
-32.3788

■ 37.9200, 24.6894,
-32.3788

■ 37.6210, 24.8368,
-32.9936

■ 42.9590, 22.2052,
-28.9050

■ 47.9980, 19.7210,
-25.4312

■ 52.7380, 17.3842,
-22.5722

■ 58.3640, 14.6105,
-19.6132

■ 63.4030, 12.1263,
-16.1394

■ 68.4420, 9.6421,
-12.6656

■ 73.4810, 7.1579,
-9.1918

■ 78.2210, 4.8210,
-6.3328

■ 83.2600, 2.3368,
-2.8590

Harmonies

Analogous

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



40.8010, 21.7901, -35.7825



37.9200, 24.6894, -32.3788



47.2730, 16.1344, 5.0226

Triad

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



37.9200, 24.6894, -32.3788



44.3370, -11.0121, 32.1535



35.5910, -3.2494, -31.2133

Complementary

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



37.9200, 24.6894, -32.3788



51.0800, -24.6894, 32.3788

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.



40.4060, -15.9762, -9.1261



37.9200, 24.6894, -32.3788



44.0510, -20.7311, 22.7573

Square

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



37.9200, 24.6894, -32.3788



44.5790, -1.2714, 34.5722



43.4360, -21.4139, 8.3876



38.5720, 5.6340, -33.8276

Rectangle

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



37.9200, 24.6894, -32.3788



47.2810, 10.7075, 19.0476



43.4360, -21.4139, 8.3876



36.0000, -6.9020, -26.3100

Sweetspot

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



37.9200, 24.6894, -32.3788



95.1430, 9.7895, -13.2804



56.7430, -7.2683, -48.8866



46.8510, 5.9895, -7.7623



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.



37.9200, 24.6894, -32.3788



48.9170, 32.5789, -42.9002



12.6790, 37.1333, -10.2425



40.6300, 1.1684, -1.4295



45.6570, 30.2421, -40.0412



99.5780, 66.7630, -87.3299

Inverse Universe

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



32.2570, 7.2683, 48.8866



41.3390, 9.6929, 64.6007



76.3210, -37.1333, 10.2425



40.4240, 0.2840, 2.2592



38.4910, 9.1249, 60.0824



84.4010, 19.5223, 132.0753

Previews

White Background



This preview shows how the YUV color 37.9200, 24.6894, -32.3788 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 37.9200, 24.6894, -32.3788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

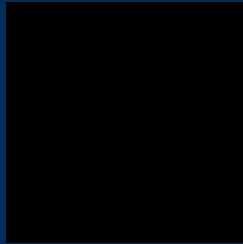
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.9200, 24.6894, -32.3788

Background



This preview shows how black text looks on a background with the YUV color 37.9200, 24.6894, -32.3788.



This preview shows how white text looks on a background with the YUV color 37.9200, 24.6894,

-32.3788.

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

37.9200, 24.6894, -32.3788

Protanopia

43.9930, 20.7095, -15.7799

Deuteranopia

37.7520, 22.8003, -33.1085



Tritanopia

36.9080, 9.4124, -32.3683

Trichromacy



Original Color

37.9200, 24.6894, -32.3788

Protanomaly

42.0030, 22.1835, -21.9276

Deuteranomaly

37.8660, 23.2371, -33.2085

Tritanomaly

37.1020, 15.2327, -32.5385

Monochromacy



Original Color

37.9200, 24.6894, -32.3788

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.9260, 8.9105, -11.3361

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.9200, 24.6894, -32.3788 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(1, 47, 88)` looks like.

```
.text, #text, p{  
    color:rgb(1, 47, 88)  
}
```

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(1, 47, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 47, 88) }
```

Border

The CSS property to change the border of an element to YUV 37.9200, 24.6894, -32.3788 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(1, 47, 88) }
```


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

```
.border{ border-color:rgb(1, 47, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 47, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 47, 88); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 47, 88); box-shadow:4px  
4px 4px 4px rgb(1, 47, 88) }
```

Background

The CSS property to change the background color of an element to YUV 37.9200, 24.6894, -32.3788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 47, 88) }
```

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

```
.background{ background-color: rgb(1, 47,  
88) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor