

Converting Colors

YUV(39.1740, 32.9452,
-20.3236)

Have a look what the booklet for
YUV(39.1740, 32.9452, -20.3236)
contains.

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Color

**YUV(39.1740, 32.9452,
-20.3236)**

Conversions

Conversions Part 1

Format	Color
Hex	10266A
RGB	16, 38, 106
RGB Percent	6%, 15%, 42%
CMY	0.9373, 0.8510, 0.5843
CMYK	0.85, 0.64, 0.00, 0.58
HSL	225°, 74%, 24%
HSV	225°, 85%, 42%
XYZ	3.5083, 2.5370, 13.9404
YIQ	39.1740, -34.9400, 16.4840

Conversions

Conversions Part 2

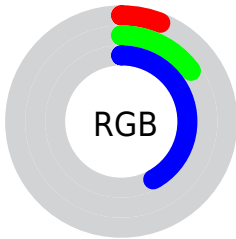
Format	Color
R_{YB}	16, 34, 106
Decimal	1058410
CIE _{Lab}	18.09, 19.56, -42.03
CIE _{LCh}	18, 46.362, 294.954
Yxy	2.5370, 0.1755, 0.1269
Android (android.graphics.Color)	4279248490 (0xFF10266A)
YUV	39.1740, 32.9452, -20.3236
Hunter-Lab	15.9279, 11.4428, -40.7422

Details

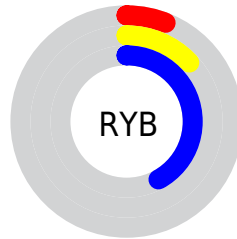
The YUV color **39.1740, 32.9452, -20.3236** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **82.8260, -32.9452, 20.3236**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.1690, 33.9337, -10.6722**, and **6.6120, 25.3343, -5.7987** is the 20% darker color. If you saturate the color by 10%, you get **31.1890, 36.8818, -22.9678**, and if you desaturate by 10%, it is **47.1590, 29.0086, -17.6794**.

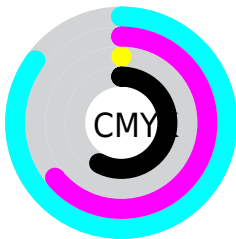
Distribution



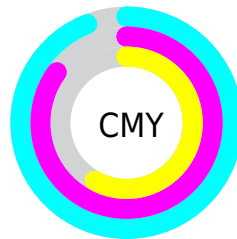
- Red (6%)
- Green (15%)
- Blue (42%)



- Red (6%)
- Yellow (13%)
- Blue (42%)



- Cyan (85%)
- Magenta (64%)
- Yellow (0%)
- Black (58%)



- Cyan (94%)
- Magenta (85%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.1740, 32.9452, -20.3236 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 39.1740, 32.9452, -20.3236 by changing the saturation by 10% instead.

■ 39.1740, 32.9452,
-20.3236

■ 39.1740, 32.9452,
-20.3236

■ 255.0000, 0.0000,
0.0000

■ 19.8000, 30.1716,
-17.3646

■ 89.1690, 33.9337,
-10.6722

■ 6.6120, 25.3343,
-5.7987

■ 114.9950, 34.5125,
-9.6426

■ 5.1640, 14.7091,
-4.5288

■ 140.9350, 35.5280,
-8.7130

■ 1.1400, 4.3680,
-0.9998

■ 167.5760, 36.6910,
-8.3982

■ 0.0000, 0.0000,
0.0000

■ 193.5780, 30.2810,
-5.7689

■ 217.7990, 18.3401,

-2.4547

243.4930, 5.6730,
0.4446

39.1740, 32.9452,
-20.3236

39.1740, 32.9452,
-20.3236

31.1890, 36.8818,
-22.9678

47.1590, 29.0086,
-17.6794

27.3460, 38.7764,
-23.9824

54.8450, 25.2194,
-15.6501

62.8300, 21.2828,
-13.0059

70.5160, 17.4936,
-10.9765

78.5010, 13.5570,
-8.3324

■ 86.4860, 9.6204,
-5.6882

■ 94.1720, 5.8312,
-3.6588

■ 102.1570, 1.8946,
-1.0147

■ 109.8430, -1.8946,
1.0147

Harmonies

Analogous

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



42.7050, 34.1624, -37.4523



39.1740, 32.9452, -20.3236



40.7030, 20.8524, 31.8325

Triad

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



39.1740, 32.9452, -20.3236



39.5030, -19.4750, 39.9009



37.6770, -0.3338, -33.0427

Complementary

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



39.1740, 32.9452, -20.3236



82.8260, -32.9452, 20.3236

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.



32.2850, -15.9165, -28.3139



39.1740, 32.9452, -20.3236



42.0070, -20.7095, 15.7799

Square

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



39.1740, 32.9452, -20.3236



31.3540, -6.5835, 58.4485



37.7220, -18.5969, -8.5262



42.2540, 14.6648, -37.0568

Rectangle

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



39.1740, 32.9452, -20.3236



34.8750, 13.3726, 50.9756



37.7220, -18.5969, -8.5262



36.3090, -5.5753, -31.8430

Sweetspot

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



39.1740, 32.9452, -20.3236



112.2730, 12.6834, -8.1324



76.5820, 3.6571, -53.1304



53.3290, 7.7258, -4.6735



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



39.1740, 32.9452, -20.3236



35.6900, 50.4388, -31.3001



33.1370, 35.9215, 5.1419



49.8580, 2.0420, -1.6295



30.3610, 42.7130, -26.6266



63.1500, 89.6521, -55.3826

Inverse Universe

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



45.4180, -3.6571, 53.1304



45.1380, -5.4910, 81.4400



89.1620, -36.0689, -4.5271



50.0220, -0.0108, 3.4887



38.2890, -4.5795, 69.0295



80.0950, -9.9068, 144.6217

Previews

White Background



This preview shows how the YUV color 39.1740, 32.9452, -20.3236 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 39.1740, 32.9452, -20.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

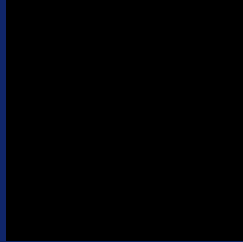
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.1740, 32.9452, -20.3236

Background



This preview shows how black text looks on a background with the YUV color 39.1740, 32.9452, -20.3236.



This preview shows how white text looks on a background with the YUV color 39.1740, 32.9452,

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

39.1740, 32.9452, -20.3236

Protanopia

35.6150, 27.3048, -31.2344

Deuteranopia

35.8940, 20.7583, -31.4790



Tritanopia

35.3920, 8.6807, -31.0388

Trichromacy



Original Color

39.1740, 32.9452, -20.3236

Protanomaly

36.8050, 29.1831, -27.0160

Deuteranomaly

37.0670, 25.1100, -27.2458

Tritanomaly

37.0040, 17.2530, -27.1905

Monochromacy



Original Color

39.1740, 32.9452, -20.3236

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

39.3440, 11.6624, -7.3177

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.1740, 32.9452, -20.3236 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(16, 38, 106)` looks like.

```
.text, #text, p{  
    color:rgb(16, 38, 106)  
}
```

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(16, 38, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 38, 106) }
```

Border

The CSS property to change the border of an element to YUV 39.1740, 32.9452, -20.3236 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(16, 38, 106) }
```


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

```
.border{ border-color:rgb(16, 38, 106) }
```

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

Here you see how a box with a 4 pixel rgb(16, 38, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 38, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 38, 106);  
box-shadow:4px 4px 4px 4px rgb(16, 38,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 39.1740, 32.9452, -20.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 38, 106) }
```

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

```
.background{ background-color: rgb(16, 38,  
106) }
```

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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