

Converting Colors

YUV(39.4620, 32.8032,
-21.4532)

Have a look what the booklet for
YUV(39.4620, 32.8032, -21.4532)
contains.

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Color

**YUV(39.4620, 32.8032,
-21.4532)**

Conversions

Conversions Part 1

Format	Color
Hex	0F276A
RGB	15, 39, 106
RGB Percent	6%, 15%, 42%
CMY	0.9412, 0.8471, 0.5843
CMYK	0.86, 0.63, 0.00, 0.58
HSL	224°, 75%, 24%
HSV	224°, 86%, 42%
XYZ	3.5240, 2.5932, 13.9505
YIQ	39.4620, -35.8110, 15.7490

Conversions

Conversions Part 2

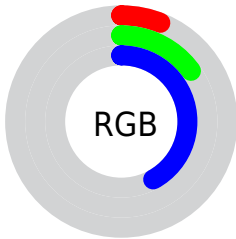
Format	Color
R_{YB}	15, 34, 106
Decimal	993130
CIE _{Lab}	18.33, 18.73, -41.63
CIE _{LCh}	18, 45.648, 294.226
Yxy	2.5932, 0.1756, 0.1292
Android (android.graphics.Color)	4279183210 (0xFF0F276A)
YUV	39.4620, 32.8032, -21.4532
Hunter-Lab	16.1034, 10.8816, -40.0908

Details

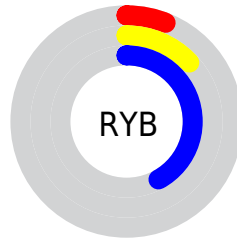
The YUV color **39.4620, 32.8032, -21.4532** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **81.5380, -32.8032, 21.4532**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.4570, 33.7917, -11.8018**, and **6.6120, 25.3343, -5.7987** is the 20% darker color. If you saturate the color by 10%, you get **31.4770, 36.7398, -24.0973**, and if you desaturate by 10%, it is **47.4470, 28.8666, -18.8090**.

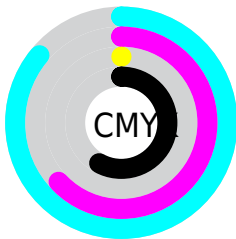
Distribution



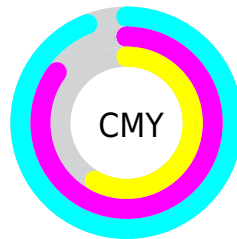
- Red (6%)
- Green (15%)
- Blue (42%)



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



- Cyan (86%)
- Magenta (63%)
- Yellow (0%)
- Black (58%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 39.4620, 32.8032, -21.4532 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 39.4620, 32.8032, -21.4532 by changing the saturation by 10% instead.

■ 39.4620, 32.8032,
-21.4532

■ 39.4620, 32.8032,
-21.4532

■ 255.0000, 0.0000,
0.0000

■ 20.3870, 29.8822,
-17.8794

■ 89.4570, 33.7917,
-11.8018

■ 6.6120, 25.3343,
-5.7987

■ 115.2830, 34.3705,
-10.7722

■ 5.1640, 14.7091,
-4.5288

■ 141.2230, 35.3861,
-9.8426

■ 1.1400, 4.3680,
-0.9998

■ 168.1630, 36.4016,
-8.9130

■ 0.0000, 0.0000,
0.0000

■ 193.8660, 30.1391,
-6.8985

■ 218.9730, 17.7613,

-3.4843

244.0800, 5.3836,
-0.0702

39.4620, 32.8032,
-21.4532

39.4620, 32.8032,
-21.4532

31.4770, 36.7398,
-24.0973

47.4470, 28.8666,
-18.8090

28.5200, 38.1976,
-25.0120

55.1330, 25.0774,
-16.7796

62.5310, 21.4302,
-13.6207

70.2170, 17.6410,
-11.5913

78.2020, 13.7044,
-8.9472

■ 86.1870, 9.7678,
-6.3030

■ 93.8730, 5.9786,
-4.2736

■ 101.2710, 2.3314,
-1.1147

■ 108.9570, -1.4578,
0.9147

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



39.4620, 32.8032, -21.4532



42.5780, 20.4210, 30.1881

Triad

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



39.4620, 32.8032, -21.4532



39.5030, -19.4750, 39.9009



38.2640, -0.6232, -33.5575

Complementary

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



39.4620, 32.8032, -21.4532



81.5380, -32.8032, 21.4532

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



39.4620, 32.8032, -21.4532



42.6050, -21.0043, 17.0094

Square

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



39.4620, 32.8032, -21.4532



31.8810, -5.8573, 58.8634



39.2060, -19.3286, -7.1967



42.1400, 14.2280, -36.9568

Rectangle

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



39.4620, 32.8032, -21.4532



35.1030, 14.2462, 50.7757



39.2060, -19.3286, -7.1967



36.3090, -5.5753, -31.8430

Sweetspot

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



39.4620, 32.8032, -21.4532



111.3870, 13.1202, -8.2324



76.0550, 2.9309, -53.5452



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.



39.4620, 32.8032, -21.4532



36.8640, 49.8600, -32.3297



31.6530, 36.6531, 3.8123



49.8580, 2.0420, -1.6295



31.5350, 42.1342, -27.6562



66.0850, 88.2051, -57.9565

Inverse Universe

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



44.9450, -2.9309, 53.5452



45.3660, -4.6174, 81.2400



89.3470, -36.6531, -3.8123



50.0220, -0.0108, 3.4887



38.5170, -3.7059, 68.8296



80.6650, -7.7228, 144.1218

Previews

White Background



This preview shows how the YUV color 39.4620, 32.8032, -21.4532 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 39.4620, 32.8032, -21.4532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

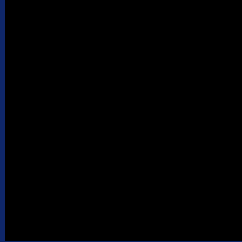
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.4620, 32.8032, -21.4532

Background



This preview shows how black text looks on a background with the YUV color 39.4620, 32.8032, -21.4532.



This preview shows how white text looks on a background with the YUV color 39.4620, 32.8032, -21.4532.

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

39.4620, 32.8032, -21.4532

Protanopia

36.3160, 27.4522, -31.8491

Deuteranopia

36.5950, 20.9057, -32.0938



Tritanopia

35.3920, 8.6807, -31.0388

Trichromacy



Original Color

39.4620, 32.8032, -21.4532

Protanomaly

37.2070, 29.4779, -28.2455

Deuteranomaly

37.4690, 25.4048, -28.4753

Tritanomaly

36.7050, 17.4004, -27.8053

Monochromacy



Original Color

39.4620, 32.8032, -21.4532

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

39.0450, 11.8098, -7.9325

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.4620, 32.8032, -21.4532 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, 39, 106)` looks like.

```
.text, #text, p{  
    color:rgb(15, 39, 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(15, 39, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 39, 106) }
```

Border

The CSS property to change the border of an element to YUV 39.4620, 32.8032, -21.4532 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, 39, 106) }
```


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

```
.border{ border-color:rgb(15, 39, 106) }
```

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

Here you see how a box with a 4 pixel rgb(15, 39, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 39, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 39, 106);  
box-shadow:4px 4px 4px 4px rgb(15, 39,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 39.4620, 32.8032, -21.4532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 39, 106) }
```

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

```
.background{ background-color: rgb(15, 39,  
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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