

Converting Colors

YUV(42.6290, 15.9589,
-32.1236)

Have a look what the booklet for
YUV(42.6290, 15.9589, -32.1236)
contains.

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Color

**YUV(42.6290, 15.9589,
-32.1236)**

Conversions

Conversions Part 1

Format	Color
Hex	06374B
RGB	6, 55, 75
RGB Percent	2%, 22%, 29%
CMY	0.9765, 0.7843, 0.7059
CMYK	0.92, 0.27, 0.00, 0.71
HSL	197°, 85%, 16%
HSV	197°, 92%, 29%
XYZ	2.7113, 3.2791, 7.1466
YIQ	42.6290, -35.6240, -4.1680

Conversions

Conversions Part 2

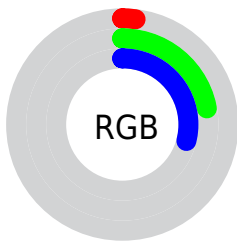
Format	Color
RYB	6, 35, 75
Decimal	407371
CIELab	21.13, -7.26, -16.66
CIELCh	21, 18.175, 246.445
Yxy	3.2791, 0.2064, 0.2496
Android (android.graphics.Color)	4278597451 (0xFF06374B)
YUV	42.6290, 15.9589, -32.1236
Hunter-Lab	18.1083, -4.9632, -10.7237

Details

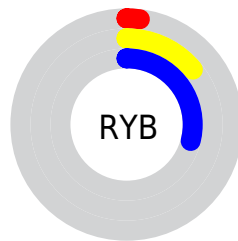
The YUV color **42.6290, 15.9589, -32.1236** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **38.3710, -15.9589, 32.1236**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.8470, 15.3584, -26.1758**, and **9.4040, 10.6468, -8.2473** is the 20% darker color. If you saturate the color by 10%, you get **39.6610, 17.4221, -34.7827**, and if you desaturate by 10%, it is **45.8960, 14.3483, -28.8498**.

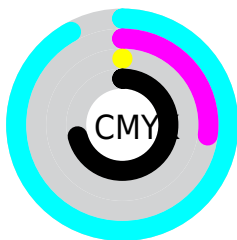
Distribution



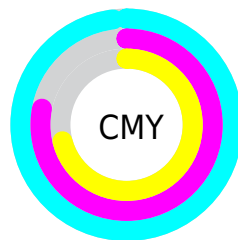
- Red (2%)
- Green (22%)
- Blue (29%)



- Red (2%)
- Yellow (14%)
- Blue (29%)



- Cyan (92%)
- Magenta (27%)
- Yellow (0%)
- Black (71%)



- Cyan (98%)
- Magenta (78%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.6290, 15.9589, -32.1236 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 42.6290, 15.9589, -32.1236 by changing the saturation by 10% instead.

■ 42.6290, 15.9589,
-32.1236

■ 42.6290, 15.9589,
-32.1236

■ 254.4020, 0.2948,
-1.2296

■ 25.8860, 12.8742,
-22.7020

■ 92.8470, 15.3584,
-26.1758

■ 9.4040, 10.6468,
-8.2473

■ 117.9610, 15.7952,
-26.2758

■ 0.3420, 1.3104,
-0.2999

■ 143.9610, 15.7952,
-26.2758

■ 0.0000, 0.0000,
0.0000

■ 170.1890, 16.6688,
-26.4758

■ 198.1890, 16.6688,
-26.4758

■ 225.3200, 14.6322,

-26.5906

■ 245.7310, 4.5696,
-19.0581

■ 42.6290, 15.9589,
-32.1236

■ 42.6290, 15.9589,
-32.1236

■ 39.6610, 17.4221,
-34.7827

■ 45.8960, 14.3483,
-28.8498

■ 49.4620, 12.5902,
-24.9612

■ 53.3160, 10.6902,
-22.2021

■ 56.8820, 8.9322,
-18.3135

■ 60.1490, 7.3215,
-15.0397

■ 63.7150, 5.5635,
-11.1511

■ 66.9820, 3.9529,
-7.8772

■ 70.5480, 2.1948,
-3.9886

■ 74.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



40.9830, 12.3334, -35.9421



42.6290, 15.9589, -32.1236



49.1800, 13.7153, -12.4359

Triad

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



42.6290, 15.9589, -32.1236



51.6760, -1.8123, 21.3321



48.1490, -9.4405, -5.3927

Complementary

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



42.6290, 15.9589, -32.1236



38.3710, -15.9589, 32.1236

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.



49.4170, -12.5306, 5.7733



42.6290, 15.9589, -32.1236



51.1830, -7.4852, 20.8875

Square

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



42.6290, 15.9589, -32.1236



52.6520, 4.6086, 15.2142



50.2980, -11.9789, 15.5247



45.4940, -2.7085, -17.9732

Rectangle

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



42.6290, 15.9589, -32.1236



51.6760, 11.4987, -1.4699



50.2980, -11.9789, 15.5247



48.7150, -11.1985, -1.5041

Sweetspot

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



42.6290, 15.9589, -32.1236



84.2310, 6.2951, -12.4806



48.7830, -11.2320, -37.5207



40.8680, 3.5161, -7.7772



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



42.6290, 15.9589, -32.1236



51.5610, 22.4014, -45.2190



22.6710, 25.7982, -14.6205



36.2170, 0.8790, -1.9443



53.8920, 23.7172, -47.2633



121.9010, 53.2928, -106.9072

Inverse Universe

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



32.2170, 11.2320, 37.5207



36.8690, 15.8406, 52.7349



58.3290, -25.7982, 14.6205



35.5380, 0.7208, 2.1592



38.7060, 16.4139, 55.5088



87.3520, 37.2945, 125.1023

Previews

White Background



This preview shows how the YUV color 42.6290, 15.9589, -32.1236 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 42.6290, 15.9589, -32.1236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

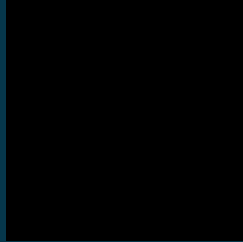
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.6290, 15.9589, -32.1236

Background



This preview shows how black text looks on a background with the YUV color 42.6290, 15.9589, -32.1236.



This preview shows how white text looks on a background with the YUV color 42.6290, 15.9589,

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

42.6290, 15.9589, -32.1236

Protanopia

50.8990, 9.9098, -5.1734

Deuteranopia

50.5610, 12.5414, -9.2620



Tritanopia

40.4130, 10.1494, -35.4422

Trichromacy



Original Color

42.6290, 15.9589, -32.1236

Protanomaly

48.0010, 11.8315, -14.9099

Deuteranomaly

47.5600, 14.0209, -17.1541

Tritanomaly

40.9940, 12.3280, -34.1977

Monochromacy



Original Color

42.6290, 15.9589, -32.1236

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.8290, 6.0003, -11.2510

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.6290, 15.9589, -32.1236 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(6, 55, 75)` looks like.

```
.text, #text, p{  
    color:rgb(6, 55, 75)  
}
```

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(6, 55, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 55, 75) }
```

Border

The CSS property to change the border of an element to YUV 42.6290, 15.9589, -32.1236 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(6, 55, 75) }
```


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

```
.border{ border-color:rgb(6, 55, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 55, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 55, 75); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 55, 75); box-shadow:4px  
4px 4px 4px rgb(6, 55, 75) }
```

Background

The CSS property to change the background color of an element to YUV 42.6290, 15.9589, -32.1236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 55, 75) }
```

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

```
.background{ background-color: rgb(6, 55,  
75) }
```

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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