

Converting Colors

YUV(32.5750, -15.5665, -0.5043)

Have a look what the booklet for
YUV(32.5750, -15.5665, -0.5043)
contains.

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Color

**YUV(32.5750, -15.5665,
-0.5043)**

Conversions

Conversions Part 1

Format	Color
Hex	202701
RGB	32, 39, 1
RGB Percent	13%, 15%, 0%
CMY	0.8745, 0.8471, 0.9961
CMYK	0.18, 0.00, 0.97, 0.85
HSL	71°, 95%, 8%
HSV	71°, 97%, 15%
XYZ	1.3267, 1.7603, 0.2986
YIQ	32.5750, 8.0260, -13.3020

Conversions

Conversions Part 2

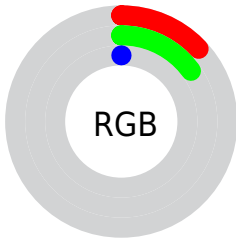
Format	Color
R_YB	1, 39, 8
Decimal	2107137
CIE Lab	14.18, -9.68, 20.17
CIE LCh	14, 22.373, 115.638
Yxy	1.7603, 0.3919, 0.5199
Android (android.graphics.Color)	4280297217 (0xFF202701)
YUV	32.5750, -15.5665, -0.5043
Hunter-Lab	13.2677, -5.3698, 7.9531

Details

The YUV color **32.5750, -15.5665, -0.5043** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **7.4250, 15.5665, 0.5043**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.5040, -14.5455, -1.3190**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **32.4610, -16.0033, -0.4043**, and if you desaturate by 10%, it is **33.3300, -13.9667, -0.2894**.

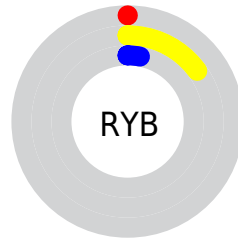
Distribution



Red (13%)

Green (15%)

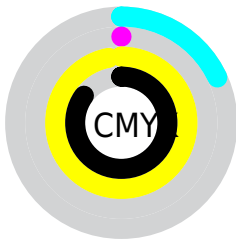
Blue (0%)



Red (0%)

Yellow (15%)

Blue (3%)

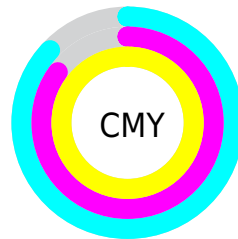


Cyan (18%)

Magenta (0%)

Yellow (97%)

Black (85%)



Cyan (87%)


Magenta (85%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 32.5750, -15.5665, -0.5043 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 32.5750, -15.5665, -0.5043 by changing the saturation by 10% instead.

 32.5750, -15.5665,
-0.5043


 32.5750, -15.5665,
-0.5043


 251.8080,
-12.2303, 2.7994


 11.1530, -5.4984,
-9.7812

 77.5040, -14.5455,
-1.3190

 0.0000, 0.0000,
0.0000

 101.5750,
-15.5665, -0.5043


 126.4610,
-16.0033, -0.4043


 152.9340,
-16.7295, -0.8191


 179.8200,
-17.1663, -0.7191


 207.1190,


-17.3137, -0.1044


 235.5920,
-18.0399, -0.5192


 32.5750, -15.5665,
-0.5043


 32.5750, -15.5665,
-0.5043


 32.4610, -16.0033,
-0.4043

 33.3300, -13.9667,
-0.2894

 33.7860, -12.2195,
-0.6893

 34.5410, -10.6197,
-0.4745

 35.2960, -9.0199,
-0.2596

 35.9370, -7.8569,
0.0553

■ 36.3930, -6.1097,
-0.3447

■ 37.1480, -4.5100,
-0.1298

■ 37.9030, -2.9102,
0.0851

■ 38.3590, -1.1630,
-0.3148

Harmonies

Analogous

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



34.0110, -16.7674, 11.3914



32.5750, -15.5665, -0.5043



29.5820, -6.2029, -17.1734

Triad

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



32.5750, -15.5665, -0.5043



31.7220, 14.9271, -27.8202



36.1970, 1.3819, 23.5062

Complementary

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



32.5750, -15.5665, -0.5043



7.4250, 15.5665, 0.5043

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.



37.2650, 8.2504, 13.7996



32.5750, -15.5665, -0.5043



29.9440, 18.2686, -26.2609

Square

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



32.5750, -15.5665, -0.5043



30.8270, 8.9593, -27.0353



36.2350, 13.6881, -3.7141



35.2590, -6.0437, 25.2059

Rectangle

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



32.5750, -15.5665, -0.5043



28.4330, -0.2135, -24.9357



36.2350, 13.6881, -3.7141



36.7560, 3.5713, 21.2620

Sweetspot

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



32.5750, -15.5665, -0.5043



48.3930, -6.1097, -0.3447



16.4710, -7.6272, 19.7579



24.3760, -3.6364, -0.3298



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



32.5750, -15.5665, -0.5043



42.4950, -20.9500, -0.4341



26.8940, -12.7657, -12.1850



19.7720, -0.8736, 0.2000



69.9390, -34.4799, -0.8235



176.1710, -86.8523, -2.7810

Inverse Universe

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



7.4250, 15.5665, 0.5043



8.5050, 20.9500, 0.4341



13.1060, 12.7657, 12.1850



18.5270, 0.7262, 0.4148



14.3600, 34.3325, 1.4383



35.8290, 86.8523, 2.7810

Previews

White Background



This preview shows how the YUV color 32.5750, -15.5665, -0.5043 looks on a white background.

Color Contrast Check

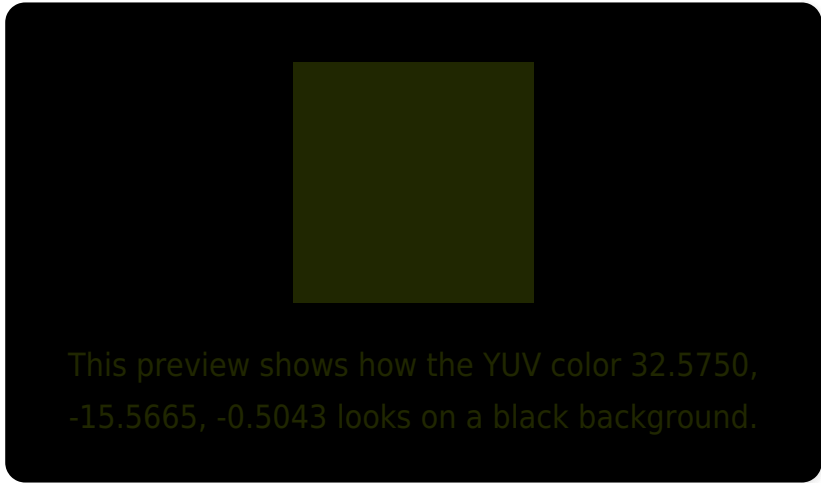
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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

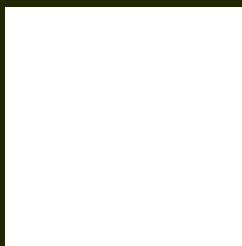
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 32.5750, -15.5665, -0.5043

Background



This preview shows how black text looks on a background with the YUV color 32.5750, -15.5665, -0.5043.



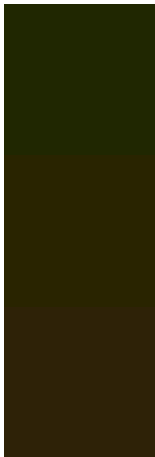
This preview shows how white text looks on a background with the YUV color 32.5750, -15.5665,

-0.5043.

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

32.5750, -15.5665, -0.5043

Protanopia

33.3910, -16.4618, 6.6731

Deuteranopia

34.5100, -13.5624, 10.0767



Tritanopia

36.0430, 1.4578, -0.9147

Trichromacy



Original Color

32.5750, -15.5665, -0.5043

Protanomaly

33.0810, -16.3089, 4.3140

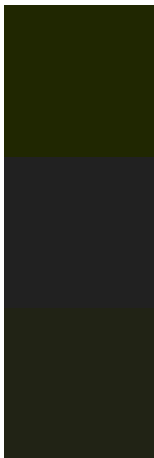
Deuteranomaly

33.9610, -14.2778, 6.1732

Tritanomaly

34.7350, -4.7994, -0.6446

Monochromacy



Original Color

32.5750, -15.5665, -0.5043

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.8060, -5.8204, 0.1701

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.5750, -15.5665, -0.5043 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(32, 39, 1)` looks like.

```
.text, #text, p{  
    color:rgb(32, 39, 1)  
}
```

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(32, 39, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 39, 1) }
```

Border

The CSS property to change the border of an element to YUV 32.5750, -15.5665, -0.5043 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(32, 39, 1) }
```


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

```
.border{ border-color:rgb(32, 39, 1) }
```

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

Here you see how a box with a 4 pixel rgb(32, 39, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 39, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(32, 39, 1); box-shadow:4px  
4px 4px 4px rgb(32, 39, 1) }
```

Background

The CSS property to change the background color of an element to YUV 32.5750, -15.5665, -0.5043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 39, 1) }
```

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

```
.background{ background-color: rgb(32, 39,  
1) }
```

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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