

Converting Colors

YUV(36.5750, -2.2555, -23.3063)

Have a look what the booklet for
YUV(36.5750, -2.2555, -23.3063)
contains.

YUV(36.5750, -2.2555, -23.3063)	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(36.5750, -2.2555,
-23.3063)**

Conversions

Conversions Part 1

Format	Color
Hex	0A3320
RGB	10, 51, 32
RGB Percent	4%, 20%, 13%
CMY	0.9608, 0.8000, 0.8745
CMYK	0.80, 0.00, 0.37, 0.80
HSL	152°, 67%, 12%
HSV	152°, 80%, 20%
XYZ	1.5697, 2.5365, 1.7734
YIQ	36.5750, -18.3370, -14.6010

Conversions

Conversions Part 2

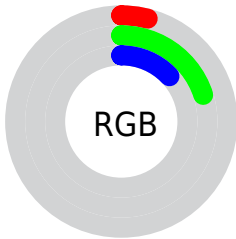
Format	Color
R_YB	10, 37, 51
Decimal	668448
CIE Lab	18.08, -19.58, 8.07
CIE LCh	18, 21.175, 157.606
Yxy	2.5365, 0.2670, 0.4314
Android (android.graphics.Color)	4278858528 (0xFF0A3320)
YUV	36.5750, -2.2555, -23.3063
Hunter-Lab	15.9263, -10.2779, 4.5466

Details

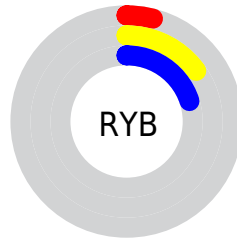
The YUV color **36.5750, -2.2555, -23.3063** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **24.4250, 2.2555, 23.3063**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.5320, -3.7133, -22.3916**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.8520, -2.3920, -26.1802**, and if you desaturate by 10%, it is **38.2980, -2.1189, -20.4323**.

Distribution



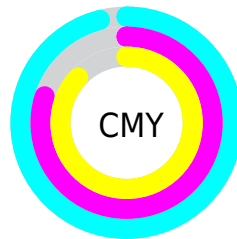
- Red (4%)
- Green (20%)
- Blue (13%)



- Red (4%)
- Yellow (15%)
- Blue (20%)



- Cyan (80%)
- Magenta (0%)
- Yellow (37%)
- Black (80%)



- Cyan (96%)
- Magenta (80%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.5750, -2.2555, -23.3063 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 36.5750, -2.2555, -23.3063 by changing the saturation by 10% instead.

■ 36.5750, -2.2555,
-23.3063

■ 36.5750, -2.2555,
-23.3063

■ 251.4120, 1.7689,
-7.3773

■ 19.2230, -5.0399,
-16.8586

■ 83.5320, -3.7133,
-22.3916

■ 0.0000, 0.0000,
0.0000

■ 108.1190, -4.0027,
-22.9064

■ 133.7060, -4.2921,
-23.4212

■ 160.2930, -4.5814,
-23.9360

■ 186.8800, -4.8708,
-24.4508

■ 214.8800, -4.8708,

-24.4508

■ 240.5320, -3.7133,
-22.3916

■ 36.5750, -2.2555,
-23.3063

■ 36.5750, -2.2555,
-23.3063

■ 34.8520, -2.3920,
-26.1802

■ 38.2980, -2.1189,
-20.4323

■ 33.0150, -2.9654,
-28.9542

■ 40.1350, -1.5456,
-17.6584

■ 41.8580, -1.4090,
-14.7845

■ 43.5810, -1.2724,
-11.9105

■ 45.7170, -0.8465,
-8.5218

■ 47.4400, -0.7099,
-5.6479

■ 49.2770, -0.1366,
-2.8739

■ 51.0000, 0.0000,
0.0000

■ 52.7230, 0.1366,
2.8739

Harmonies

Analogous

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



40.7960, -10.7454, -6.8371



36.5750, -2.2555, -23.3063



35.9960, 5.9180, -31.5685

Triad

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



36.5750, -2.2555, -23.3063



42.0270, 15.7627, -15.8097



44.1510, -8.9484, 23.5466

Complementary

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



36.5750, -2.2555, -23.3063



24.4250, 2.2555, 23.3063

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.



44.6980, -1.8231, 24.8209



36.5750, -2.2555, -23.3063



45.5950, 11.0457, 3.8632

Square

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



36.5750, -2.2555, -23.3063



36.9710, 17.2693, -32.4236



45.4890, 5.1819, 17.9881



43.1410, -13.8735, 16.5393

Rectangle

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



36.5750, -2.2555, -23.3063



37.1360, 10.2860, -32.5683



45.4890, 5.1819, 17.9881



43.8460, -6.3331, 24.6911

Sweetspot

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



36.5750, -2.2555, -23.3063



60.4180, -0.6991, -9.1366



39.7480, -14.6658, -9.4260



29.8530, -0.4205, -5.1331



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



36.5750, -2.2555, -23.3063



43.8570, -3.3805, -35.8316



38.1540, 6.3331, -24.6911



24.8750, -0.4314, -1.6444



57.7150, -4.7895, -50.6161



140.6030, -12.1293, -123.3088

Inverse Universe

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



24.4250, 2.2555, 23.3063



25.1430, 3.3805, 35.8316



22.8460, -6.3331, 24.6911



24.0110, -0.0054, 1.7444



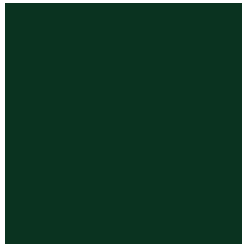
31.2850, 4.7895, 50.6161



76.2830, 11.6925, 123.4088

Previews

White Background



This preview shows how the YUV color 36.5750, -2.2555, -23.3063 looks on a white background.

Color Contrast Check

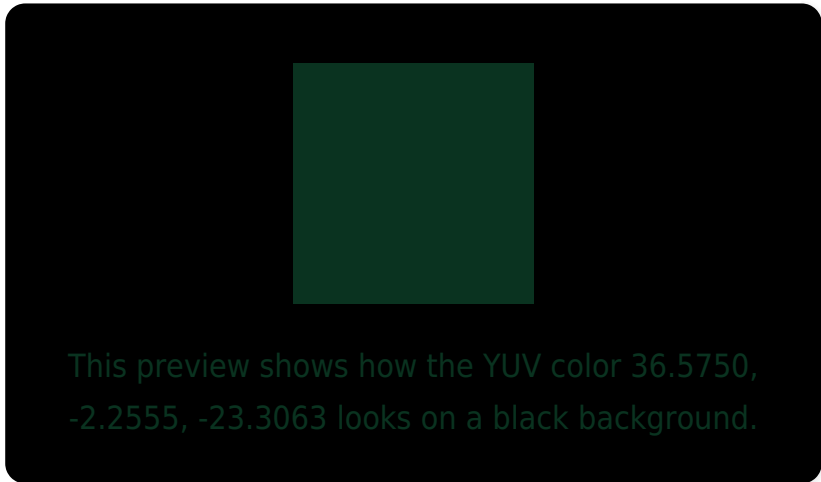
Large Text (above 18pt) WCAG AA ✓ Pass

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

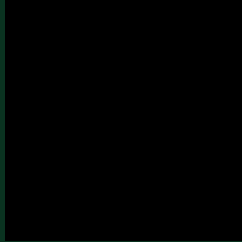
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.5750, -2.2555, -23.3063

Background



This preview shows how black text looks on a background with the YUV color 36.5750, -2.2555, -23.3063.



This preview shows how white text looks on a background with the YUV color 36.5750, -2.2555,

-23.3063.

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

36.5750, -2.2555, -23.3063

Protanopia

43.4860, -7.1416, 3.9588

Deuteranopia

44.6650, -5.2578, 6.4328



Tritanopia

40.6710, 5.5852, -18.1285

Trichromacy



Original Color

36.5750, -2.2555, -23.3063

Protanomaly

41.1750, -5.5093, -6.2925

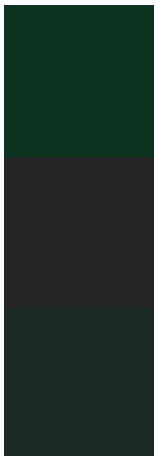
Deuteranomaly

41.8270, -4.3517, -4.2333

Tritanomaly

39.2640, 2.8278, -20.4025

Monochromacy



Original Color

36.5750, -2.2555, -23.3063

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.7170, -0.8465, -8.5218

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.5750, -2.2555, -23.3063 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(10, 51, 32)` looks like.

```
.text, #text, p{  
    color:rgb(10, 51, 32)  
}
```

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(10, 51, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 51, 32) }
```

Border

The CSS property to change the border of an element to YUV 36.5750, -2.2555, -23.3063 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(10, 51, 32) }
```


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

```
.border{ border-color:rgb(10, 51, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 51, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 51, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 51, 32);  
box-shadow:4px 4px 4px 4px rgb(10, 51, 32)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.5750, -2.2555, -23.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 51, 32) }
```

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

```
.background{ background-color: rgb(10, 51,  
32) }
```

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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