

Converting Colors

YUV(36.5550, -15.0636,
24.9463)

Have a look what the booklet for
YUV(36.5550, -15.0636, 24.9463)
contains.

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Color

**YUV(36.5550, -15.0636,
24.9463)**

Conversions

Conversions Part 1

Format	Color
Hex	411C06
RGB	65, 28, 6
RGB Percent	25%, 11%, 2%
CMY	0.7451, 0.8902, 0.9765
CMYK	0.00, 0.57, 0.91, 0.75
HSL	22°, 83%, 14%
HSV	22°, 91%, 25%
XYZ	2.6281, 1.9675, 0.4135
YIQ	36.5550, 29.1140, 1.0020

Conversions

Conversions Part 2

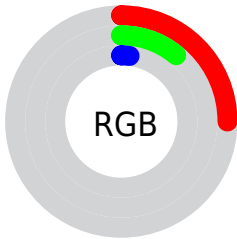
Format	Color
RYB	65, 41, 6
Decimal	4267014
CIELab	15.32, 16.21, 20.49
CIELCh	15, 26.130, 51.647
Yxy	1.9675, 0.5247, 0.3928
Android (android.graphics.Color)	4282457094 (0xFF411C06)
YUV	36.5550, -15.0636, 24.9463
Hunter-Lab	14.0267, 8.8979, 8.0707

Details

The YUV color **36.5550, -15.0636, 24.9463** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **34.4450, 15.0636, -24.9463**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.7620, -15.6587, 29.1497**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.5230, -16.5268, 27.6053**, and if you desaturate by 10%, it is **39.5870, -13.6004, 22.2872**.

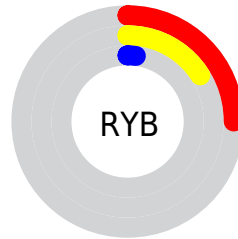
Distribution



Red (25%)

Green (11%)

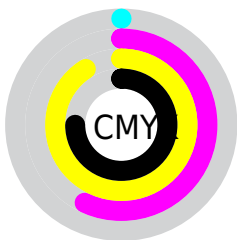
Blue (2%)



Red (25%)

Yellow (16%)

Blue (2%)

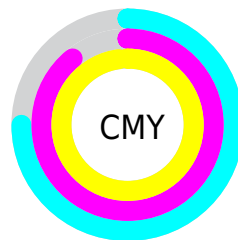


Cyan (0%)

Magenta (57%)

Yellow (91%)

Black (75%)



Cyan (75%)

Magenta (89%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.5550, -15.0636, 24.9463 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 36.5550, -15.0636, 24.9463 by changing the saturation by 10% instead.

■ 36.5550, -15.0636,
24.9463

■ 36.5550, -15.0636,
24.9463

■ 252.2640,
-10.4832, 2.3995

■ 15.7810, -7.7800,
22.1171

■ 82.7620, -15.6587,
29.1497

■ 0.0000, 0.0000,
0.0000

■ 107.5450,
-16.5377, 31.0940


■ 133.3280,
-17.4167, 33.0383


■ 159.8120,
-18.1483, 34.3679


■ 186.9970,
-18.7325, 35.0826


■ 214.1820,


-19.3167, 35.7974


 233.8100,
-15.1893, 18.5836


 36.5550, -15.0636,
24.9463


 36.5550, -15.0636,
24.9463


 33.5230, -16.5268,
27.6053

 39.5870, -13.6004,
22.2872

 42.7330, -11.7004,
19.5282

 45.7650, -10.2371,
16.8691

 48.9110, -8.3371,
14.1101

 51.9430, -6.8739,
11.4510

■ 55.0890, -4.9739,
8.6919

■ 58.7080, -3.8000,
5.5181

■ 61.8540, -1.9000,
2.7590

■ 64.8860, -0.4368,
0.1000

Harmonies

Analogous

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



36.5200, -5.1864, 30.2390



36.5550, -15.0636, 24.9463



36.9790, -18.2306, 14.0504

Triad

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



36.5550, -15.0636, 24.9463



31.2370, 0.3762, -27.3948



37.8260, 17.3408, -8.6174

Complementary

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



36.5550, -15.0636, 24.9463



34.4450, 15.0636, -24.9463

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.



33.2040, 20.6054, -29.1199



36.5550, -15.0636, 24.9463



33.4030, 8.6753, -29.2944

Square

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



36.5550, -15.0636, 24.9463



30.8870, -8.8183, -18.3179



34.6400, 15.9535, -30.3793



39.5470, 10.5763, 14.4293

Rectangle

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



36.5550, -15.0636, 24.9463



36.0380, -17.7667, 5.2287



34.6400, 15.9535, -30.3793



34.4440, 19.9941, -19.6834

Sweetspot

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



36.5550, -15.0636, 24.9463



73.1600, -5.9949, 9.5067



27.8590, 7.4645, 32.5727



36.7080, -3.8000, 5.5181



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



36.5550, -15.0636, 24.9463



43.3130, -21.3533, 35.6825



53.5780, -23.4560, 10.0171



31.4840, -0.7316, 1.3295



50.1350, -24.7166, 41.1006



116.2840, -57.3280, 94.4669

Inverse Universe

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



34.4450, 15.0636, -24.9463



40.6870, 21.3533, -35.6825



17.4220, 23.4560, -10.0171



31.5160, 0.7316, -1.3295



46.8650, 24.7166, -41.1006



108.3030, 57.0386, -94.9817

Previews

White Background



This preview shows how the YUV color 36.5550, -15.0636, 24.9463 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

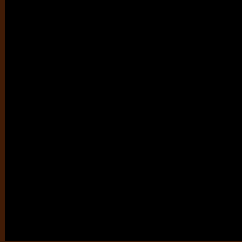
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.5550, -15.0636, 24.9463

Background



This preview shows how black text looks on a background with the YUV color 36.5550, -15.0636, 24.9463.

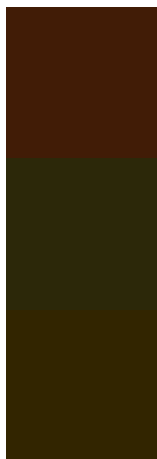


This preview shows how white text looks on a background with the YUV color 36.5550, -15.0636,

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

36.5550, -15.0636, 24.9463

Protanopia

37.6620, -14.1304, 5.5584

Deuteranopia

36.6690, -18.0778, 11.6913



Tritanopia

38.1880, -5.0227, 24.3911

Trichromacy



Original Color

36.5550, -15.0636, 24.9463

Protanomaly

37.5920, -14.5889, 12.6358

Deuteranomaly

36.6310, -17.0731, 16.1096

Tritanomaly

37.8630, -8.8065, 24.6761

Monochromacy



Original Color

36.5550, -15.0636, 24.9463

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.9750, -5.4107, 8.7919

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.5550, -15.0636, 24.9463 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(65, 28, 6)` looks like.

```
.text, #text, p{  
    color:rgb(65, 28, 6)  
}
```

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(65, 28, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 28, 6) }
```

Border

The CSS property to change the border of an element to YUV 36.5550, -15.0636, 24.9463 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(65, 28, 6) }
```


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

```
.border{ border-color:rgb(65, 28, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 28, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 28, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(65, 28, 6); box-shadow:4px  
4px 4px 4px rgb(65, 28, 6) }
```

Background

The CSS property to change the background color of an element to YUV 36.5550, -15.0636, 24.9463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 28, 6) }
```

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

```
.background{ background-color: rgb(65, 28,  
6) }
```

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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