

Converting Colors

YUV(66.3110, 15.1297, 0.6043)

Have a look what the booklet for
YUV(66.3110, 15.1297, 0.6043)
contains.

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Color

**YUV(66.3110, 15.1297,
0.6043)**

Conversions

Conversions Part 1

Format	Color
Hex	433C61
RGB	67, 60, 97
RGB Percent	26%, 24%, 38%
CMY	0.7373, 0.7647, 0.6196
CMYK	0.31, 0.38, 0.00, 0.62
HSL	251°, 24%, 31%
HSV	251°, 38%, 38%
XYZ	6.0883, 5.2881, 12.0091
YIQ	66.3110, -7.7050, 12.9910

Conversions

Conversions Part 2

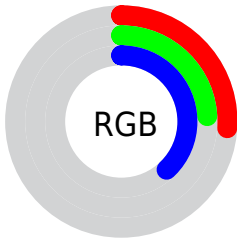
Format	Color
RYB	67, 60, 97
Decimal	4406369
CIELab	27.54, 12.38, -20.84
CIELCh	28, 24.246, 300.716
Yxy	5.2881, 0.2603, 0.2261
Android (android.graphics.Color)	4282596449 (0xFF433C61)
YUV	66.3110, 15.1297, 0.6043
Hunter-Lab	22.9958, 7.0162, -14.8659

Details

The YUV color **66.3110, 15.1297, 0.6043** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **90.6890, -15.1297, -0.6043**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.3650, 16.5821, 1.4339**, and **22.8440, 13.3879, -0.7402** is the 20% darker color. If you saturate the color by 10%, you get **58.0490, 19.2028, 0.8340**, and if you desaturate by 10%, it is **74.5730, 11.0565, 0.3745**.

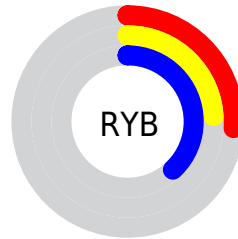
Distribution



 Red (26%)

 Green (24%)

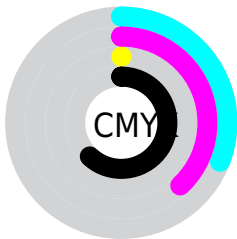
 Blue (38%)



 Red (26%)

 Yellow (24%)

 Blue (38%)

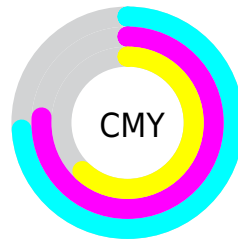


 Cyan (31%)

 Magenta (38%)

 Yellow (0%)

 Black (62%)



 Cyan (74%)

 Magenta (76%)

 Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.3110, 15.1297, 0.6043 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 66.3110, 15.1297, 0.6043 by changing the saturation by 10% instead.

■ 66.3110, 15.1297,
0.6043

■ 66.3110, 15.1297,
0.6043

■ 255.0000, 0.0000,
0.0000

■ 43.7840, 14.4035,
0.1894

■ 114.3650, 16.5821,
1.4339

■ 22.8440, 13.3879,
-0.7402

■ 140.4790, 17.0189,
1.3339

■ 3.3060, 12.6671,
-2.8994

■ 166.8920, 17.3082,
1.8487

■ 0.0000, 0.0000,
0.0000

■ 194.0060, 17.7450,
1.7487

■ 221.0770, 16.7240,
2.5635

■ 246.7710, 4.0569,

5.4628

■ 66.3110, 15.1297,
0.6043

■ 66.3110, 15.1297,
0.6043

■ 58.0490, 19.2028,
0.8340

■ 74.5730, 11.0565,
0.3745

■ 50.3740, 22.9866,
0.5490

■ 82.2480, 7.2727,
0.6595

■ 42.1120, 27.0598,
0.7788

■ 90.5100, 3.1996,
0.4297

■ 34.1490, 30.9855,
1.6233

■ 98.4730, -0.7262,
-0.4148

■ 26.4740, 34.7693,
1.3383

■ 106.7350, -4.7994,
-0.6446

■ 18.2120, 38.8425,
1.5681

■ 114.4100, -8.5831,
-0.3596

■ 16.4400, 39.7161,
1.3681

■ 122.6720,
-12.6563, -0.5893

■ 130.9340,
-16.7295, -0.8191

■ 138.6090,
-20.5132, -0.5341

Harmonies

Analogous

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



61.1230, 20.1524, -23.7869



66.3110, 15.1297, 0.6043



66.8850, 7.9447, 18.5179

Triad

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



66.3110, 15.1297, 0.6043



64.4300, -15.4950, 23.3019



51.4350, 6.6875, -45.1085

Complementary

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



66.3110, 15.1297, 0.6043



90.6890, -15.1297, -0.6043

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.



57.9620, -5.8973, -21.8917



66.3110, 15.1297, 0.6043



63.3700, -17.9304, 11.0765

Square

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



66.3110, 15.1297, 0.6043



65.4830, -9.1121, 29.3944



61.7810, -14.6820, -4.1929



52.9000, 14.8393, -46.3933

Rectangle

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



66.3110, 15.1297, 0.6043



66.5610, 2.6814, 26.6950



61.7810, -14.6820, -4.1929



52.4420, 2.7401, -38.9756

Sweetspot

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



66.3110, 15.1297, 0.6043



113.4930, 5.6730, 0.4446



81.8280, 7.4798, -19.1432



56.6240, 3.6364, 0.3298



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



66.3110, 15.1297, 0.6043



76.9010, 23.7128, 0.9638



71.6930, 12.4764, 11.6702



44.7550, 1.5998, 0.2149



19.0470, 45.8258, 1.7128



40.8150, 98.1982, 3.6702

Inverse Universe

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



74.4830, 7.6499, 19.7474



89.7000, 11.9799, 30.9581



85.3070, -12.4764, -11.6702



45.6520, 1.1576, 2.0592



43.8620, 23.2390, 59.7570



93.8760, 49.3611, 128.1507

Previews

White Background



This preview shows how the YUV color 66.3110, 15.1297, 0.6043 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 66.3110, 15.1297, 0.6043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

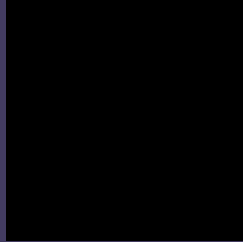
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.3110, 15.1297, 0.6043

Background



This preview shows how black text looks on a background with the YUV color 66.3110, 15.1297, 0.6043.



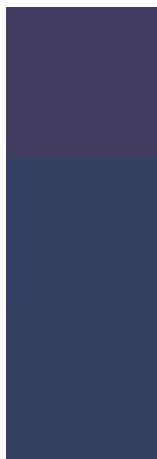
This preview shows how white text looks on a background with the YUV color 66.3110, 15.1297,

0.6043.

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

66.3110, 15.1297, 0.6043

Protanopia

64.5160, 17.4936, -10.9765

Deuteranopia

64.6470, 15.4570, -11.0914



Tritanopia

65.3740, 2.7736, -2.9590

Trichromacy



Original Color

66.3110, 15.1297, 0.6043

Protanomaly

65.3100, 16.6092, -7.2879

Deuteranomaly

64.9680, 15.2988, -6.9879

Tritanomaly

65.8240, 6.9888, -1.5996

Monochromacy



Original Color

66.3110, 15.1297, 0.6043

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.0800, 5.3836, -0.0702

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.3110, 15.1297, 0.6043 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(67, 60, 97)` looks like.

```
.text, #text, p{  
    color:rgb(67, 60, 97)  
}
```

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(67, 60, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 60, 97) }
```

Border

The CSS property to change the border of an element to YUV 66.3110, 15.1297, 0.6043 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(67, 60, 97) }
```


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

```
.border{ border-color:rgb(67, 60, 97) }
```

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

Here you see how a box with a 4 pixel rgb(67, 60, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 60, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 60, 97);  
box-shadow:4px 4px 4px 4px rgb(67, 60, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.3110, 15.1297, 0.6043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 60, 97) }
```

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

```
.background{ background-color: rgb(67, 60,  
97) }
```

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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