

Converting Colors

YUV(36.1610, 32.9516, 24.4148)

Have a look what the booklet for
YUV(36.1610, 32.9516, 24.4148)
contains.

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Color

**YUV(36.1610, 32.9516,
24.4148)**

Conversions

Conversions Part 1

Format	Color
Hex	400967
RGB	64, 9, 103
RGB Percent	25%, 4%, 40%
CMY	0.7490, 0.9647, 0.5961
CMYK	0.38, 0.91, 0.00, 0.60
HSL	275°, 84%, 22%
HSV	275°, 91%, 40%
XYZ	4.6602, 2.2646, 13.0235
YIQ	36.1610, 2.6060, 40.8940

Conversions

Conversions Part 2

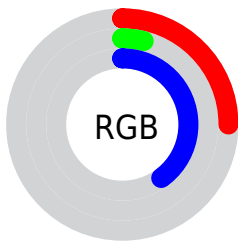
Format	Color
RYB	64, 9, 103
Decimal	4196711
CIELab	16.82, 41.54, -41.96
CIElCh	17, 59.044, 314.716
Yxy	2.2646, 0.2336, 0.1135
Android (android.graphics.Color)	4282386791 (0xFF400967)
YUV	36.1610, 32.9516, 24.4148
Hunter-Lab	15.0487, 28.9419, -40.7767

Details

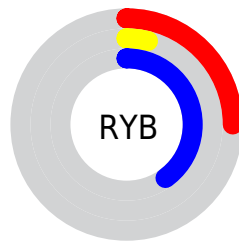
The YUV color **36.1610, 32.9516, 24.4148** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **75.8390, -32.9516, -24.4148**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.1610, 32.9516, 24.4148**, and **10.1570, 22.1076, 2.4933** is the 20% darker color. If you saturate the color by 10%, you get **29.6820, 36.1458, 26.5889**, and if you desaturate by 10%, it is **43.2270, 29.4681, 21.7259**.

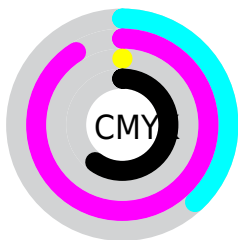
Distribution



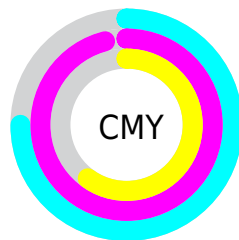
- Red (25%)
- Green (4%)
- Blue (40%)



- Red (25%)
- Yellow (4%)
- Blue (40%)



- Cyan (38%)
- Magenta (91%)
- Yellow (0%)
- Black (60%)



- Cyan (75%)
- Magenta (96%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.1610, 32.9516, 24.4148 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 36.1610, 32.9516, 24.4148 by changing the saturation by 10% instead.

36.1610, 32.9516,
24.4148

36.1610, 32.9516,
24.4148

251.4780, 1.7363,
3.0888

20.2540, 28.4688,
15.5632

88.1610, 32.9516,
24.4148

10.1570, 22.1076,
2.4933

113.9870, 33.5304,
25.4444

4.8220, 13.3988,
-4.2289

140.2260, 34.3986,
26.9888

0.5700, 2.1840,
-0.4999

167.1660, 35.4142,
27.9184


0.0000, 0.0000,
0.0000


193.5100, 30.3146,
30.2477


218.0190, 18.2316,


32.4323


 234.4550, 10.1287,
18.0180


 36.1610, 32.9516,
24.4148


 36.1610, 32.9516,
24.4148


 29.6820, 36.1458,
26.5889

 43.2270, 29.4681,
21.7259

 51.1790, 25.5478,
19.1370

 58.2450, 22.0642,
16.4481

 65.3110, 18.5807,
13.7593

 72.9640, 14.8077,
10.5556

■ 80.3290, 11.1768,
8.4815

■ 87.3950, 7.6933,
5.7926

■ 94.4610, 4.2097,
3.1037

■ 102.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



38.4310, 43.1715, -33.7040



36.1610, 32.9516, 24.4148



37.9080, 13.3564, 56.2087

Triad

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



36.1610, 32.9516, 24.4148



39.1270, -19.2896, 27.0756



40.5270, 10.5862, -35.5422

Complementary

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



36.1610, 32.9516, 24.4148



75.8390, -32.9516, -24.4148

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.



34.8100, -8.7803, -30.5284



36.1610, 32.9516, 24.4148



36.8690, -18.1764, -3.3931

Square

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



36.1610, 32.9516, 24.4148



28.7040, -14.1511, 59.0186



31.1110, -15.3377, -27.2843



45.0870, 28.0581, -39.5413

Rectangle

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



36.1610, 32.9516, 24.4148



36.8090, 0.0942, 63.3115



31.1110, -15.3377, -27.2843



38.8170, 4.0342, -34.0425

Sweetspot

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



36.1610, 32.9516, 24.4148



109.3830, 12.6292, 9.3111



42.6090, 29.7728, -29.4751



53.3950, 7.6933, 5.7926



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



36.1610, 32.9516, 24.4148



39.0110, 47.3226, 35.0704



46.9100, 23.7084, 49.1909



47.4670, 1.7418, 1.3444



33.1430, 40.3555, 29.6926



70.0460, 84.7733, 63.1037

Inverse Universe

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



41.5520, 3.1789, 53.8899



46.7490, 4.5607, 77.3961



65.0900, -23.7084, -49.1909



47.7230, 0.1366, 2.8739



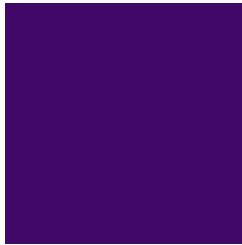
39.8570, 4.0145, 65.9004



83.8720, 8.4441, 138.6783

Previews

White Background



This preview shows how the YUV color 36.1610, 32.9516, 24.4148 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

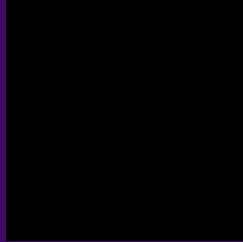
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.1610, 32.9516, 24.4148

Background



This preview shows how black text looks on a background with the YUV color 36.1610, 32.9516, 24.4148.



This preview shows how white text looks on a background with the YUV color 36.1610, 32.9516,

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

36.1610, 32.9516, 24.4148

Protanopia

34.8000, 26.7206, -30.5196

Deuteranopia

35.1930, 20.6109, -30.8643



Tritanopia

44.6310, -0.3111, 6.4626

Trichromacy



Original Color

36.1610, 32.9516, 24.4148

Protanomaly

35.2030, 28.9869, -10.7020

Deuteranomaly

35.4650, 24.9138, -10.9318

Tritanomaly

41.1770, 11.7447, 12.9998

Monochromacy



Original Color

36.1610, 32.9516, 24.4148

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.8560, 11.9030, 8.8963

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.1610, 32.9516, 24.4148 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(64, 9, 103)` looks like.

```
.text, #text, p{  
    color:rgb(64, 9, 103)  
}
```

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(64, 9, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 9, 103) }
```

Border

The CSS property to change the border of an element to YUV 36.1610, 32.9516, 24.4148 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(64, 9, 103) }
```


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

```
.border{ border-color:rgb(64, 9, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 9, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 9, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 9, 103);  
box-shadow:4px 4px 4px 4px rgb(64, 9, 103)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.1610, 32.9516, 24.4148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 9, 103) }
```

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

```
.background{ background-color: rgb(64, 9,  
103) }
```

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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