

Converting Colors

YUV(34.9660, 4.9468, 0.0298)

Have a look what the booklet for
YUV(34.9660, 4.9468, 0.0298)
contains.

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Color

**YUV(34.9660, 4.9468,
0.0298)**

Conversions

Conversions Part 1

Format	Color
Hex	23212D
RGB	35, 33, 45
RGB Percent	14%, 13%, 18%
CMY	0.8627, 0.8706, 0.8235
CMYK	0.22, 0.27, 0.00, 0.82
HSL	250°, 15%, 15%
HSV	250°, 27%, 18%
XYZ	1.7106, 1.6345, 2.7080
YIQ	34.9660, -2.6600, 4.1560

Conversions

Conversions Part 2

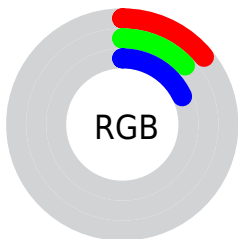
Format	Color
RYB	35, 33, 45
Decimal	2302253
CIELab	13.44, 4.14, -7.62
CIELCh	13, 8.675, 298.512
Yxy	1.6345, 0.2826, 0.2700
Android (android.graphics.Color)	4280492333 (0xFF23212D)
YUV	34.9660, 4.9468, 0.0298
Hunter-Lab	12.7848, 1.5106, -3.6089

Details

The YUV color **34.9660, 4.9468, 0.0298** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **43.0340, -4.9468, -0.0298**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.4930, 5.6730, 0.4446**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.4220, 6.6940, -0.3701**, and if you desaturate by 10%, it is **39.0970, 2.9102, -0.0851**.

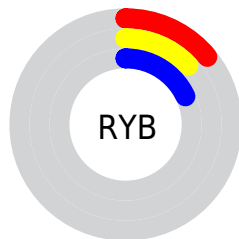
Distribution



Red (14%)

Green (13%)

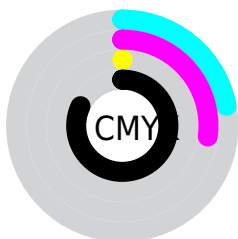
Blue (18%)



Red (14%)

Yellow (13%)

Blue (18%)

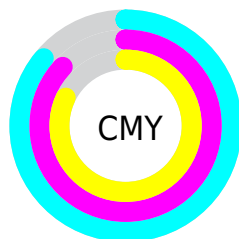


Cyan (22%)

Magenta (27%)

Yellow (0%)

Black (82%)



Cyan (86%)

Magenta (87%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.9660, 4.9468, 0.0298 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 34.9660, 4.9468, 0.0298 by changing the saturation by 10% instead.

■ 34.9660, 4.9468,
0.0298

■ 34.9660, 4.9468,
0.0298

■ 255.0000, 0.0000,
0.0000

■ 12.9060, 5.9623,
0.9594

■ 79.4930, 5.6730,
0.4446

■ 0.0000, 0.0000,
0.0000

■ 103.4930, 5.6730,
0.4446

■ 128.6070, 6.1097,
0.3447

■ 154.6070, 6.1097,
0.3447

■ 181.0200, 6.3991,
0.8595

■ 208.7210, 6.5465,

0.2447

■ 237.1340, 6.8359,
0.7595

■ 34.9660, 4.9468,
0.0298

■ 34.9660, 4.9468,
0.0298

■ 31.4220, 6.6940,
-0.3701

■ 39.0970, 2.9102,
-0.0851

■ 27.5900, 8.5831,
0.3596

■ 42.6410, 1.1630,
0.3148

■ 23.4590, 10.6197,
0.4745

■ 46.4730, -0.7262,
-0.4148

■ 19.9150, 12.3669,
0.0745

■ 50.0170, -2.4734,
-0.0149

■ 15.7840, 14.4035,
0.1894

■ 54.1480, -4.5100,
-0.1298

■ 12.5390, 16.0033,
0.4043

■ 57.6920, -6.2572,
0.2701

■ 8.4080, 18.0399,
0.5192

■ 61.5240, -8.1463,
-0.4595

■ 7.5220, 18.4767,
0.4192

■ 65.0680, -9.8935,
-0.0596

■ 69.1990, -11.9301,
-0.1745

Harmonies

Analogous

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



33.8620, 5.9840, -6.0180



34.9660, 4.9468, 0.0298



35.4290, 2.7465, 5.7628

Triad

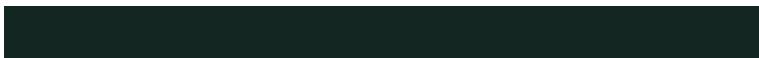
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.9660, 4.9468, 0.0298



34.6760, -5.2633, 8.1771



32.1620, 0.9061, -10.6661

Complementary

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



34.9660, 4.9468, 0.0298



43.0340, -4.9468, -0.0298

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.



32.6850, -2.3097, -5.8627



34.9660, 4.9468, 0.0298



34.1270, -5.9786, 4.2736

Square

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



34.9660, 4.9468, 0.0298



34.9690, -2.9427, 10.5512



33.7350, -4.7994, -0.6446



31.9490, 3.9691, -13.1103

Rectangle

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



34.9660, 4.9468, 0.0298



35.2830, 0.8465, 8.5218



33.7350, -4.7994, -0.6446



32.5320, -0.2623, -9.2366

Sweetspot

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



34.9660, 4.9468, 0.0298



54.8690, 2.0366, 0.1149



40.2380, 2.3477, -6.3477



28.3420, 1.3104, -0.2999



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



34.9660, 4.9468, 0.0298



43.0630, 7.8569, -0.0553



36.7600, 4.0623, 3.7185



21.2280, 0.8736, -0.2000



14.1040, 35.9377, -0.0912



35.1600, 88.1681, 0.7367

Inverse Universe

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



37.7280, 2.5991, 6.3775



47.5050, 4.1880, 10.0811



41.2400, -4.0623, -3.7185



21.8260, 0.5788, 1.0296



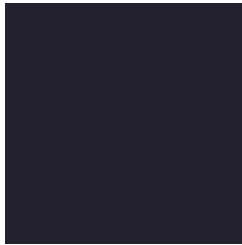
34.2210, 18.6250, 46.2872



84.3920, 46.6417, 113.6662

Previews

White Background



This preview shows how the YUV color 34.9660, 4.9468, 0.0298 looks on a white background.

Color Contrast Check

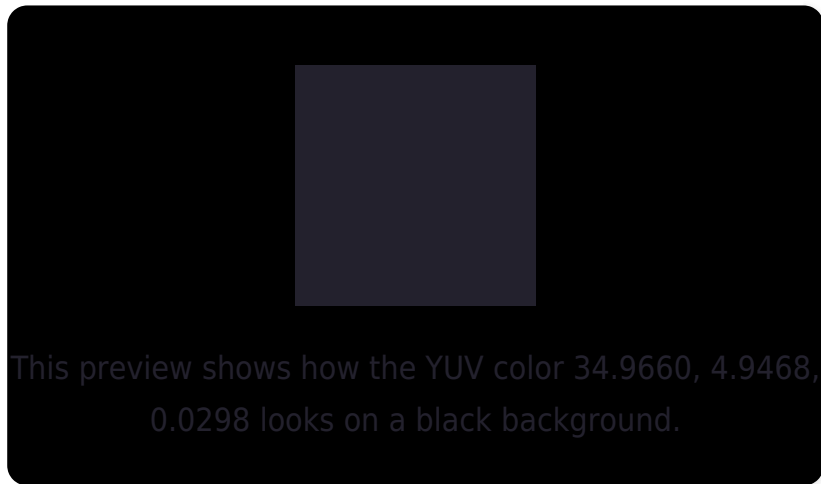
Large Text (above 18pt) WCAG AA ✓ Pass

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

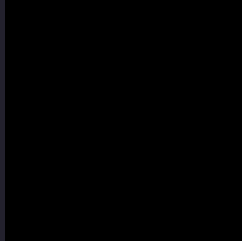
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

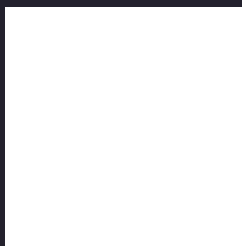
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 34.9660, 4.9468, 0.0298

Background



This preview shows how black text looks on a background with the YUV color 34.9660, 4.9468, 0.0298.



This preview shows how white text looks on a background with the YUV color 34.9660, 4.9468,

0.0298.

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

34.9660, 4.9468, 0.0298

Protanopia

34.4710, 5.6838, -3.0441

Deuteranopia

34.6560, 5.0996, -2.3293



Tritanopia

34.3420, 1.3104, -0.2999

Trichromacy



Original Color

34.9660, 4.9468, 0.0298

Protanomaly

34.7700, 5.5364, -2.4293

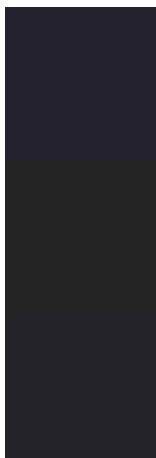
Deuteranomaly

34.9550, 4.9522, -1.7145

Tritanomaly

34.6840, 2.6208, -0.5999

Monochromacy



Original Color

34.9660, 4.9468, 0.0298

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.8690, 2.0366, 0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.9660, 4.9468, 0.0298 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(35, 33, 45)` looks like.

```
.text, #text, p{  
    color:rgb(35, 33, 45)  
}
```

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(35, 33, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 33, 45) }
```

Border

The CSS property to change the border of an element to YUV 34.9660, 4.9468, 0.0298 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(35, 33, 45) }
```


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

```
.border{ border-color:rgb(35, 33, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 33, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 33, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 33, 45);  
box-shadow:4px 4px 4px 4px rgb(35, 33, 45)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.9660, 4.9468, 0.0298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 33, 45) }
```

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

```
.background{ background-color: rgb(35, 33,  
45) }
```

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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