

Converting Colors

YUV(42.0040, 34.0150,
-36.8375)

Have a look what the booklet for
YUV(42.0040, 34.0150, -36.8375)
contains.

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Color

**YUV(42.0040, 34.0150,
-36.8375)**

Conversions

Conversions Part 1

Format	Color
Hex	00326F
RGB	0, 50, 111
RGB Percent	0%, 20%, 44%
CMY	1.0000, 0.8039, 0.5647
CMYK	1.00, 0.55, 0.00, 0.56
HSL	213°, 100%, 22%
HSV	213°, 100%, 44%
XYZ	4.0098, 3.4289, 15.4894
YIQ	42.0040, -49.3810, 8.3710

Conversions

Conversions Part 2

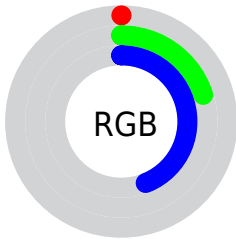
Format	Color
RYB	0, 34, 111
Decimal	12911
CIELab	21.69, 11.62, -39.43
CIELCh	22, 41.107, 286.423
Yxy	3.4289, 0.1749, 0.1495
Android (android.graphics.Color)	4278202991 (0xFF00326F)
YUV	42.0040, 34.0150, -36.8375
Hunter-Lab	18.5173, 6.2482, -36.6331

Details

The YUV color **42.0040, 34.0150, -36.8375** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **68.9960, -34.0150, 36.8375**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.1630, 32.9506, -22.0680**, and **8.9430, 26.6501, -7.8430** is the 20% darker color. If you saturate the color by 10%, you get **42.0040, 34.0150, -36.8375**, and if you desaturate by 10%, it is **48.8150, 30.6572, -33.1638**.

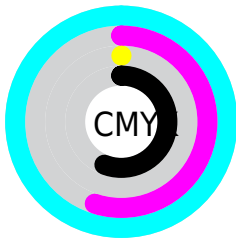
Distribution



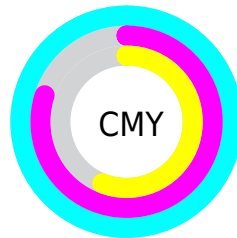
- Red (0%)
- Green (20%)
- Blue (44%)



- Red (0%)
- Yellow (13%)
- Blue (44%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (80%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.0040, 34.0150, -36.8375 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 42.0040, 34.0150, -36.8375 by changing the saturation by 10% instead.

■ 42.0040, 34.0150,
-36.8375

■ 42.0040, 34.0150,
-36.8375

■ 255.0000, 0.0000,
0.0000

■ 27.4140, 28.8829,
-24.0421

■ 96.1630, 32.9506,
-22.0680

■ 8.9430, 26.6501,
-7.8430

■ 121.8150, 34.1082,
-20.0088

■ 6.3210, 16.6037,
-5.5435

■ 148.3420, 34.8344,
-19.5939

■ 2.5250, 7.1362,
-2.2144

■ 175.1680, 35.4132,
-18.5643

■ 0.0000, 0.0000,
0.0000

■ 200.3010, 26.9666,
-16.0500

■ 225.4080, 14.5889,

-12.6358

■ 250.5150, 2.2111,
-9.2217

■ 42.0040, 34.0150,
-36.8375

■ 48.8150, 30.6572,
-33.1638

■ 55.6260, 27.2994,
-29.4900

■ 62.4370, 23.9416,
-25.8162

■ 69.2480, 20.5837,
-22.1425

■ 76.9450, 16.7891,
-18.3688

■ 83.7560, 13.4313,
-14.6950

■ 90.5670, 10.0735,
-11.0213

■ 97.3780, 6.7156,
-7.3475

■ 104.1890, 3.3578,
-3.6738

Harmonies

Analogous

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



47.9880, 31.5579, -42.0855



42.0040, 34.0150, -36.8375



53.0880, 20.1696, 17.4628

Triad

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



42.0040, 34.0150, -36.8375



47.4710, -20.9382, 42.5599



41.7860, -2.3595, -36.6463

Complementary

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



42.0040, 34.0150, -36.8375



68.9960, -34.0150, 36.8375

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.



37.5300, -17.5163, -28.5288



42.0040, 34.0150, -36.8375



49.1390, -24.2255, 23.5571

Square

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



42.0040, 34.0150, -36.8375



43.5320, -3.2203, 53.0304



47.8220, -23.5762, 1.9101



45.9070, 10.8918, -40.2604

Rectangle

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



42.0040, 34.0150, -36.8375



49.7870, 13.4160, 37.0208



47.8220, -23.5762, 1.9101



40.5320, -7.1643, -35.5466

Sweetspot

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



42.0040, 34.0150, -36.8375



118.0550, 13.2839, -14.0802



71.8830, -6.3513, -63.0414



57.1220, 8.3209, -8.8770



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



42.0040, 34.0150, -36.8375



54.6850, 44.5253, -47.9587



13.8500, 47.8950, -8.6384



52.4450, 1.7526, -2.1443



45.3780, 36.7886, -39.7965



93.3150, 75.7667, -81.8373

Inverse Universe

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



38.8890, 5.4777, 63.2413



50.7650, 7.0179, 82.6441



97.1500, -47.8949, 8.6385



52.1360, 0.4260, 3.3887



42.0360, 5.8983, 68.3744



86.5070, 12.0750, 140.7524

Previews

White Background



This preview shows how the YUV color 42.0040, 34.0150, -36.8375 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 42.0040, 34.0150, -36.8375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

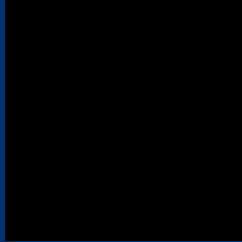
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.0040, 34.0150, -36.8375

Background



This preview shows how black text looks on a background with the YUV color 42.0040, 34.0150, -36.8375.



This preview shows how white text looks on a background with the YUV color 42.0040, 34.0150,

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

42.0040, 34.0150, -36.8375

Protanopia

42.2490, 32.4152, -37.0524

Deuteranopia

42.3000, 24.9951, -37.0971



Tritanopia

41.7010, 10.0074, -36.5718

Trichromacy



Original Color

42.0040, 34.0150, -36.8375

Protanomaly

42.3630, 32.8520, -37.1524

Deuteranomaly

42.5110, 28.3421, -37.2821

Tritanomaly

41.9920, 18.7379, -36.8270

Monochromacy



Original Color

42.0040, 34.0150, -36.8375

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.1260, 12.2629, -13.2655

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.0040, 34.0150, -36.8375 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(0, 50, 111)` looks like.

```
.text, #text, p{  
    color:rgb(0, 50, 111)  
}
```

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(0, 50, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 50, 111) }
```

Border

The CSS property to change the border of an element to YUV 42.0040, 34.0150, -36.8375 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(0, 50, 111) }
```


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

```
.border{ border-color:rgb(0, 50, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 50, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 50, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 50, 111);  
box-shadow:4px 4px 4px 4px rgb(0, 50, 111)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.0040, 34.0150, -36.8375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 50, 111) }
```

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

```
.background{ background-color: rgb(0, 50,  
111) }
```

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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