

Converting Colors

YUV(40.0200, 16.2591,
-35.0975)

Have a look what the booklet for
YUV(40.0200, 16.2591, -35.0975)
contains.

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Color

**YUV(40.0200, 16.2591,
-35.0975)**

Conversions

Conversions Part 1

Format	Color
Hex	003649
RGB	0, 54, 73
RGB Percent	0%, 21%, 29%
CMY	1.0000, 0.7882, 0.7137
CMYK	1.00, 0.26, 0.00, 0.71
HSL	196°, 100%, 14%
HSV	196°, 100%, 29%
XYZ	2.5218, 3.1194, 6.7725
YIQ	40.0200, -38.2830, -5.5390

Conversions

Conversions Part 2

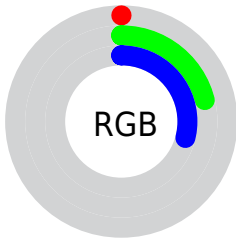
Format	Color
RYB	0, 31, 73
Decimal	13897
CIELab	20.52, -8.27, -16.28
CIELCh	21, 18.263, 243.083
Yxy	3.1194, 0.2031, 0.2513
Android (android.graphics.Color)	4278203977 (0xFF003649)
YUV	40.0200, 16.2591, -35.0975
Hunter-Lab	17.6617, -5.4216, -10.3719

Details

The YUV color **40.0200, 16.2591, -35.0975** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **32.9800, -16.2591, 35.0975**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.8360, 15.3639, -27.9202**, and **6.3550, 11.6570, -5.5733** is the 20% darker color. If you saturate the color by 10%, you get **40.0200, 16.2591, -35.0975**, and if you desaturate by 10%, it is **43.2870, 14.6485, -31.8237**.

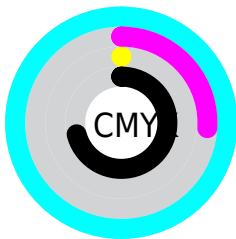
Distribution



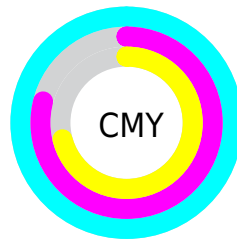
- Red (0%)
- Green (21%)
- Blue (29%)



- Red (0%)
- Yellow (12%)
- Blue (29%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (71%)



- Cyan (100%)
- Magenta (79%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.0200, 16.2591, -35.0975 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 40.0200, 16.2591, -35.0975 by changing the saturation by 10% instead.

40.0200, 16.2591,
-35.0975

40.0200, 16.2591,
-35.0975

253.2060, 0.8844,
-3.6887

25.0710, 12.2900,
-21.9873

90.8360, 15.3639,
-27.9202

6.3550, 11.6570,
-5.5733

115.8360, 15.3639,
-27.9202

0.0000, 0.0000,
0.0000

141.9500, 15.8007,
-28.0201

168.4770, 16.5268,
-27.6053

196.1780, 16.6742,
-28.2201

223.8360, 15.3639,

-27.9202

■ 244.5350, 5.1592,
-21.5172

■ 40.0200, 16.2591,
-35.0975

■ 43.2870, 14.6485,
-31.8237

■ 46.8530, 12.8905,
-27.9351

■ 50.1200, 11.2798,
-24.6612

■ 53.3870, 9.6692,
-21.3874

■ 56.9530, 7.9112,
-17.4988

■ 59.6330, 6.5899,
-13.7101

■ 62.9000, 4.9793,
-10.4363

■ 66.1670, 3.3687,
-7.1625

■ 69.7330, 1.6106,
-3.2738

Harmonies

Analogous

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



40.1680, 11.7492, -35.2273



40.0200, 16.2591, -35.0975



47.2830, 14.1575, -14.2802

Triad

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



40.0200, 16.2591, -35.0975



50.6050, -0.7913, 20.5174



46.9320, -10.3195, -3.4484

Complementary

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



40.0200, 16.2591, -35.0975



32.9800, -16.2591, 35.0975

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.



48.3140, -12.9728, 7.6176



40.0200, 16.2591, -35.0975



49.7100, -6.7590, 21.3023

Square

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



40.0200, 16.2591, -35.0975



51.1680, 5.3402, 13.8847



49.1240, -11.4001, 16.5543



44.2770, -3.5876, -16.0289

Rectangle

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



40.0200, 16.2591, -35.0975



49.7790, 11.9410, -3.3142



49.1240, -11.4001, 16.5543



47.3130, -11.4933, -0.2745

Sweetspot

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



40.0200, 16.2591, -35.0975



81.5190, 6.1531, -13.6102



44.9030, -13.2632, -39.3799



40.5690, 3.6635, -8.3920



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



40.0200, 16.2591, -35.0975



51.8060, 20.8016, -45.4339



18.8880, 26.6772, -16.5648



34.2170, 0.8790, -1.9443



54.7240, 21.8281, -47.9929



124.4940, 50.5355, -109.1812

Inverse Universe

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



27.9830, 12.8264, 39.4799



36.0860, 16.7196, 50.7906



54.1120, -26.6772, 16.5648



33.5380, 0.7208, 2.1592



38.0370, 17.7298, 53.4646



87.0250, 39.9207, 122.7581

Previews

White Background



This preview shows how the YUV color 40.0200, 16.2591, -35.0975 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 40.0200, 16.2591, -35.0975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

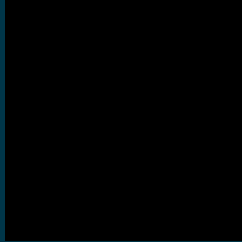
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

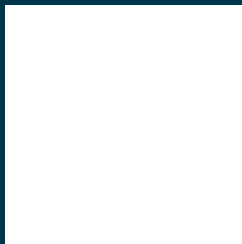
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 40.0200, 16.2591, -35.0975

Background



This preview shows how black text looks on a background with the YUV color 40.0200, 16.2591, -35.0975.



This preview shows how white text looks on a background with the YUV color 40.0200, 16.2591,

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

40.0200, 16.2591, -35.0975

Protanopia

49.7850, 9.4730, -5.0734

Deuteranopia

49.7460, 11.9572, -8.5472



Tritanopia

39.7120, 10.0020, -34.8274

Trichromacy



Original Color

40.0200, 16.2591, -35.0975

Protanomaly

46.2890, 11.6895, -16.0395

Deuteranomaly

45.8480, 13.8789, -18.2837

Tritanomaly

39.6950, 12.4754, -34.8125

Monochromacy



Original Color

40.0200, 16.2591, -35.0975

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.8180, 6.0057, -12.9954

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.0200, 16.2591, -35.0975 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, 54, 73)` looks like.

```
.text, #text, p{  
    color:rgb(0, 54, 73)  
}
```

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, 54, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 54, 73) }
```

Border

The CSS property to change the border of an element to YUV 40.0200, 16.2591, -35.0975 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, 54, 73) }
```


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

```
.border{ border-color:rgb(0, 54, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 54, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 54, 73); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 54, 73); box-shadow:4px  
4px 4px 4px rgb(0, 54, 73) }
```

Background

The CSS property to change the background color of an element to YUV 40.0200, 16.2591, -35.0975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 54, 73) }
```

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

```
.background{ background-color: rgb(0, 54,  
73) }
```

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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