

Converting Colors

YUV(40.5560, 23.3899,
-35.5676)

Have a look what the booklet for
YUV(40.5560, 23.3899, -35.5676)
contains.

YUV(40.5560, 23.3899, -35.5676)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(40.5560, 23.3899,
-35.5676)**

Conversions

Conversions Part 1

Format	Color
Hex	003458
RGB	0, 52, 88
RGB Percent	0%, 20%, 35%
CMY	1.0000, 0.7961, 0.6549
CMYK	1.00, 0.41, 0.00, 0.65
HSL	205°, 100%, 17%
HSV	205°, 100%, 35%
XYZ	2.9894, 3.1606, 9.6850
YIQ	40.5560, -42.5480, 0.1720

Conversions

Conversions Part 2

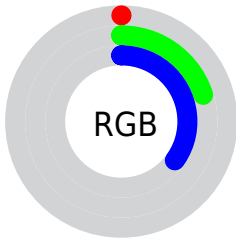
Format	Color
R_{YB}	0, 33, 88
Decimal	13400
CIE _{Lab}	20.68, -0.26, -26.04
CIE _{LCh}	21, 26.045, 269.437
Yxy	3.1606, 0.1888, 0.1996
Android (android.graphics.Color)	4278203480 (0xFF003458)
YUV	40.5560, 23.3899, -35.5676
Hunter-Lab	17.7780, -1.0959, -19.8552

Details

The YUV color **40.5560, 23.3899, -35.5676** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **47.4440, -23.3899, 35.5676**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.0950, 22.6312, -25.5163**, and **8.3100, 16.6092, -7.2879** is the 20% darker color. If you saturate the color by 10%, you get **40.5560, 23.3899, -35.5676**, and if you desaturate by 10%, it is **45.5950, 20.9057, -32.0938**.

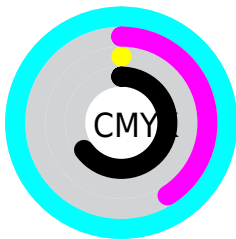
Distribution



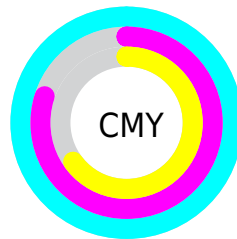
- Red (0%)
- Green (20%)
- Blue (35%)



- Red (0%)
- Yellow (13%)
- Blue (35%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (80%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.5560, 23.3899, -35.5676 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 40.5560, 23.3899, -35.5676 by changing the saturation by 10% instead.

■ 40.5560, 23.3899,
-35.5676

■ 40.5560, 23.3899,
-35.5676

■ 255.0000, 0.0000,
0.0000

■ 25.4930, 18.9840,
-22.3574

■ 92.0950, 22.6312,
-25.5163

■ 8.3100, 16.6092,
-7.2879

■ 117.9210, 23.2099,
-24.4867

■ 2.9810, 8.8834,
-2.6143

■ 144.0350, 23.6467,
-24.5867

■ 0.0000, 0.0000,
0.0000

■ 170.5620, 24.3729,
-24.1719

■ 198.2630, 24.5203,
-24.7867

■ 223.8690, 15.3476,

-22.6871

■ 246.6280, 4.1274,
-17.2138

■ 40.5560, 23.3899,
-35.5676

■ 45.5950, 20.9057,
-32.0938

■ 50.0470, 18.7108,
-28.1052

■ 54.7870, 16.3740,
-25.2462

■ 59.2390, 14.1792,
-21.2576

■ 64.2780, 11.6949,
-17.7838

■ 69.3170, 9.2107,
-14.3100

■ 73.7690, 7.0159,
-10.3214

■ 78.5090, 4.6791,
-7.4624

■ 82.9610, 2.4842,
-3.4738

Harmonies

Analogous

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



42.8070, 19.3221, -37.5417



40.5560, 23.3899, -35.5676



50.8270, 15.8613, -0.7253

Triad

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



40.5560, 23.3899, -35.5676



49.3090, -8.5333, 30.4240



40.9510, -5.8918, -23.6360

Complementary

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



40.5560, 23.3899, -35.5676



47.4440, -23.3899, 35.5676

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.



45.5530, -15.5556, -3.9930



40.5560, 23.3899, -35.5676



48.4300, -15.4950, 23.3019

Square

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



40.5560, 23.3899, -35.5676



49.7140, 0.6340, 30.0688



47.6150, -19.5302, 10.8616



40.2190, 4.3290, -35.2721

Rectangle

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



40.5560, 23.3899, -35.5676



51.1770, 11.7447, 12.9998



47.6150, -19.5302, 10.8616



43.6700, -9.6973, -16.3736

Sweetspot

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



40.5560, 23.3899, -35.5676



96.3170, 9.2107, -14.3100



55.6460, -10.1785, -48.8015



47.4380, 5.7001, -8.2771



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



40.5560, 23.3899, -35.5676



53.0260, 30.5532, -46.5038



15.3150, 35.8337, -13.4313



41.2170, 0.8790, -1.9443



49.1790, 28.5058, -43.1300



108.3830, 62.4222, -95.0519

Inverse Universe

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



32.2400, 9.7417, 48.9015



42.1370, 12.7505, 63.9009



72.6850, -35.8337, 13.4313



40.5380, 0.7208, 2.1592



39.1750, 11.7457, 59.4825



86.1110, 26.0743, 130.5757

Previews

White Background



This preview shows how the YUV color 40.5560, 23.3899, -35.5676 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 40.5560, 23.3899, -35.5676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

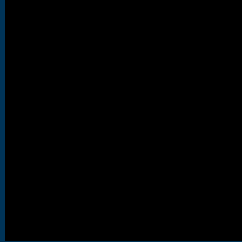
Any Text WCAG AA × Fail

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 40.5560, 23.3899, -35.5676 Background



This preview shows how black text looks on a background with the YUV color 40.5560, 23.3899, -35.5676.



This preview shows how white text looks on a background with the YUV color 40.5560, 23.3899,

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

40.5560, 23.3899, -35.5676

Protanopia

48.9180, 17.7884, -12.2061

Deuteranopia

45.6500, 20.8786, -23.3720



Tritanopia

39.7120, 10.0020, -34.8274

Trichromacy



Original Color

40.5560, 23.3899, -35.5676

Protanomaly

45.7320, 19.8521, -20.8130

Deuteranomaly

43.5570, 21.9104, -27.6755

Tritanomaly

40.2650, 14.6594, -35.3124

Monochromacy



Original Color

40.5560, 23.3899, -35.5676

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.8010, 8.4791, -12.9805

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.5560, 23.3899, -35.5676 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, 52, 88)` looks like.

```
.text, #text, p{  
  color:rgb(0, 52, 88)  
}
```

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, 52, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 52, 88) }
```

Border

The CSS property to change the border of an element to YUV 40.5560, 23.3899, -35.5676 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, 52, 88) }
```


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

```
.border{ border-color:rgb(0, 52, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 52, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 52, 88); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 52, 88); box-shadow:4px  
4px 4px 4px rgb(0, 52, 88) }
```

Background

The CSS property to change the background color of an element to YUV 40.5560, 23.3899, -35.5676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 52, 88) }
```

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

```
.background{ background-color: rgb(0, 52,  
88) }
```

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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