

Converting Colors

YUV(61.7760, 40.0434,
-10.3276)

Have a look what the booklet for
YUV(61.7760, 40.0434, -10.3276)
contains.

YUV(61.7760, 40.0434, -10.3276)	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(61.7760, 40.0434,
-10.3276)**

Conversions

Conversions Part 1

Format	Color
Hex	32348F
RGB	50, 52, 143
RGB Percent	20%, 20%, 56%
CMY	0.8039, 0.7961, 0.4392
CMYK	0.65, 0.64, 0.00, 0.44
HSL	239°, 48%, 38%
HSV	239°, 65%, 56%
XYZ	7.5013, 5.1173, 26.5790
YIQ	61.7760, -30.4030, 27.8770

Conversions

Conversions Part 2

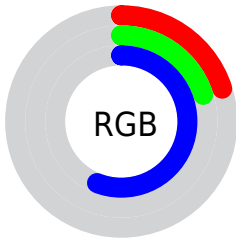
Format	Color
R _Y B	50, 52, 143
Decimal	3290255
CIE Lab	27.07, 28.84, -50.74
CIE LCh	27, 58.366, 299.613
Yxy	5.1173, 0.1914, 0.1306
Android (android.graphics.Color)	4281480335 (0xFF32348F)
YUV	61.7760, 40.0434, -10.3276
Hunter-Lab	22.6214, 19.6037, -53.8278

Details

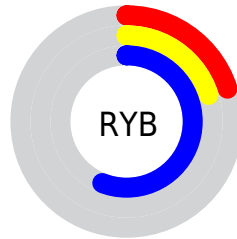
The YUV color **61.7760, 40.0434, -10.3276** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **131.2240, -40.0434, 10.3276**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.6780, 42.0637, -4.9796**, and **16.9450, 37.0021, -14.8608** is the 20% darker color. If you saturate the color by 10%, you get **49.3720, 46.1586, -11.7272**, and if you desaturate by 10%, it is **74.1800, 33.9283, -8.9279**.

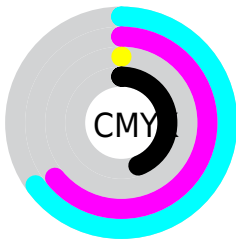
Distribution



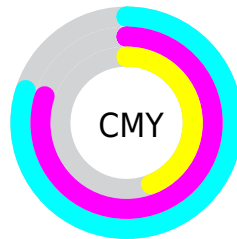
- Red (20%)
- Green (20%)
- Blue (56%)



- Red (20%)
- Yellow (20%)
- Blue (56%)



- Cyan (65%)
- Magenta (64%)
- Yellow (0%)
- Black (44%)



- Cyan (80%)
- Magenta (80%)
- Yellow (44%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.7760, 40.0434, -10.3276 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 61.7760, 40.0434, -10.3276 by changing the saturation by 10% instead.

■ 61.7760, 40.0434,
-10.3276

■ 61.7760, 40.0434,
-10.3276

■ 255.0000, 0.0000,
0.0000

■ 34.8240, 40.5128,
-20.8936

■ 112.6780, 42.0637,
-4.9796

■ 16.9450, 37.0021,
-14.8608

■ 138.9170, 42.9319,
-3.4352

■ 7.6380, 29.2655,
-6.6985

■ 165.8570, 43.9475,
-2.5056

■ 6.7770, 18.3509,
-5.9434

■ 189.7900, 32.1485,
1.9382

■ 3.0950, 9.3202,
-2.7143

■ 214.8970, 19.7708,
5.3523

■ 0.0000, 0.0000,
0.0000

■ 240.0040, 7.3930,

8.7665

■ 61.7760, 40.0434,
-10.3276

■ 61.7760, 40.0434,
-10.3276

■ 49.3720, 46.1586,
-11.7272

■ 74.1800, 33.9283,
-8.9279

■ 36.6690, 52.4212,
-13.7417

■ 86.8830, 27.6657,
-6.9134

■ 24.2650, 58.5364,
-15.1414

■ 99.2870, 21.5505,
-5.5137

■ 18.0630, 61.5939,
-15.8413

■ 111.6910, 15.4353,
-4.1140

■ 124.3940, 9.1728,
-2.0995

■ 136.7980, 3.0576,
-0.6998

■ 149.2020, -3.0576,
0.6998

■ 161.6060, -9.1728,
2.0995

■ 174.3090,
-15.4353, 4.1140

Harmonies

Analogous

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



59.3470, 47.1569, -52.0473



61.7760, 40.0434, -10.3276



56.6050, 26.3237, 50.3354

Triad

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



61.7760, 40.0434, -10.3276



58.1530, -28.6694, 48.9778



54.6150, 3.6408, -47.8974

Complementary

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



61.7760, 40.0434, -10.3276



131.2240, -40.0434, 10.3276

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.



47.6270, -18.0571, -41.7689



61.7760, 40.0434, -10.3276



60.3140, -29.7348, 17.2646

Square

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



61.7760, 40.0434, -10.3276



42.9870, -9.8536, 80.6954



53.6040, -26.4268, -17.1927



60.3320, 23.0073, -52.9112

Rectangle

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



61.7760, 40.0434, -10.3276



49.0010, 15.7755, 73.6671



53.6040, -26.4268, -17.1927



52.7910, -3.3480, -46.2977

Sweetspot

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



61.7760, 40.0434, -10.3276



153.8050, 15.8721, -4.2140



114.8510, 12.3985, -56.8743



74.5080, 9.6096, -2.1995



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



61.7760, 40.0434, -10.3276



59.2910, 62.4675, -16.0412



73.4590, 34.2837, 17.1375



64.7980, 3.0576, -0.6998



17.1510, 58.0996, -15.0414



0.9120, 3.4944, -0.7998

Inverse Universe

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



78.0350, -12.8353, 56.9743



84.6970, -20.0636, 88.8427



119.5410, -34.2837, -17.1375



66.0930, -1.0318, 4.3034



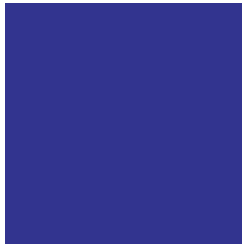
40.7070, -18.5896, 82.6950



2.3920, -1.1793, 4.9182

Previews

White Background



This preview shows how the YUV color 61.7760, 40.0434, -10.3276 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 61.7760, 40.0434, -10.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

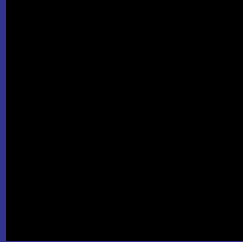
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.7760, 40.0434, -10.3276

Background



This preview shows how black text looks on a background with the YUV color 61.7760, 40.0434, -10.3276.



This preview shows how white text looks on a background with the YUV color 61.7760, 40.0434,

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

61.7760, 40.0434, -10.3276

Protanopia

51.3280, 39.2783, -45.0147

Deuteranopia

51.5100, 29.8216, -45.1743



Tritanopia

50.4550, 13.0867, -44.2490

Trichromacy



Original Color

61.7760, 40.0434, -10.3276

Protanomaly

54.8180, 39.5297, -32.2894

Deuteranomaly

55.2110, 33.4200, -32.6340

Tritanomaly

54.4640, 22.9422, -31.9789

Monochromacy



Original Color

61.7760, 40.0434, -10.3276

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.7620, 14.4143, -3.2993

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.7760, 40.0434, -10.3276 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(50, 52, 143)` looks like.

```
.text, #text, p{  
    color:rgb(50, 52, 143)  
}
```

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(50, 52, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 52, 143) }
```

Border

The CSS property to change the border of an element to YUV 61.7760, 40.0434, -10.3276 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(50, 52, 143) }
```


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

```
.border{ border-color:rgb(50, 52, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 52, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 52, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 52, 143);  
box-shadow:4px 4px 4px 4px rgb(50, 52,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 61.7760, 40.0434, -10.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 52, 143) }
```

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

```
.background{ background-color: rgb(50, 52,  
143) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor