

Converting Colors

YUV(35.4770, 40.1908,
-10.9423)

Have a look what the booklet for
YUV(35.4770, 40.1908, -10.9423)
contains.

YUV(35.4770, 40.1908, -10.9423)	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(35.4770, 40.1908,
-10.9423)**

Conversions

Conversions Part 1

Format	Color
Hex	171A75
RGB	23, 26, 117
RGB Percent	9%, 10%, 46%
CMY	0.9098, 0.8980, 0.5412
CMYK	0.80, 0.78, 0.00, 0.54
HSL	238°, 67%, 27%
HSV	238°, 80%, 46%
XYZ	3.9336, 2.2053, 17.0480
YIQ	35.4770, -30.9990, 27.6650

Conversions

Conversions Part 2

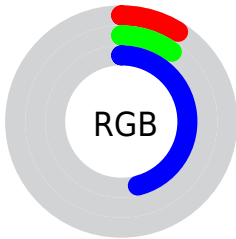
Format	Color
R_{YB}	23, 26, 117
Decimal	1514101
CIE _{Lab}	16.53, 32.74, -51.71
CIE _{LCh}	17, 61.201, 302.337
Yxy	2.2053, 0.1696, 0.0951
Android (android.graphics.Color)	4279704181 (0xFF171A75)
YUV	35.4770, 40.1908, -10.9423
Hunter-Lab	14.8503, 21.2943, -57.6692

Details

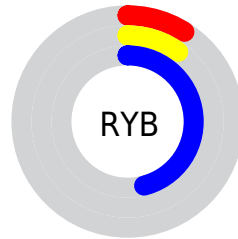
The YUV color **35.4770, 40.1908, -10.9423** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **104.5230, -40.1908, 10.9423**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.4720, 41.1793, -1.2909**, and **7.6380, 29.2655, -6.6985** is the 20% darker color. If you saturate the color by 10%, you get **25.4320, 45.1430, -12.6569**, and if you desaturate by 10%, it is **45.5220, 35.2387, -9.2278**.

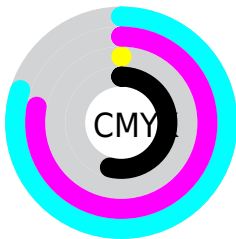
Distribution



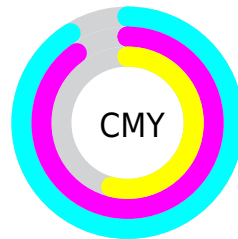
- Red (9%)
- Green (10%)
- Blue (46%)



- Red (9%)
- Yellow (10%)
- Blue (46%)



- Cyan (80%)
- Magenta (78%)
- Yellow (0%)
- Black (54%)



- Cyan (91%)
- Magenta (90%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.4770, 40.1908, -10.9423 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 35.4770, 40.1908, -10.9423 by changing the saturation by 10% instead.

■ 35.4770, 40.1908,
-10.9423

■ 35.4770, 40.1908,
-10.9423

■ 255.0000, 0.0000,
0.0000

■ 13.4230, 38.7385,
-11.7720

■ 86.4720, 41.1793,
-1.2909

■ 7.6380, 29.2655,
-6.6985

■ 112.1240, 42.3369,
0.7683

■ 6.7770, 18.3509,
-5.9434

■ 138.3630, 43.2050,
2.3126

■ 3.2090, 9.7570,
-2.8143

■ 164.7160, 44.5100,
3.7571

■ 0.0000, 0.0000,
0.0000

■ 188.9370, 32.5691,
7.0713

■ 214.3430, 20.0439,

11.1002

■ 239.1510, 7.8136,
13.8996

■ 35.4770, 40.1908,
-10.9423

■ 35.4770, 40.1908,
-10.9423

■ 25.4320, 45.1430,
-12.6569

■ 45.5220, 35.2387,
-9.2278

■ 15.6860, 49.9478,
-13.7566

■ 55.8550, 30.1445,
-8.6428

■ 65.9000, 25.1923,
-6.9283

■ 75.9450, 20.2401,
-5.2138

■ 86.5770, 14.9985,
-4.0140

■ 96.3230, 10.1938,
-2.9143

■ 106.3680, 5.2416,
-1.1997

■ 117.0000, 0.0000,
0.0000

■ 126.7460, -4.8048,
1.0998

Harmonies

Analogous

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



43.1100, 43.3298, -37.8075



35.4770, 40.1908, -10.9423



36.8560, 22.2560, 48.3613

Triad

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



35.4770, 40.1908, -10.9423



35.0840, -17.2964, 41.1453



37.7740, 2.5764, -33.1278

Complementary

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



35.4770, 40.1908, -10.9423



104.5230, -40.1908, 10.9423

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.



31.6980, -15.6271, -27.7991



35.4770, 40.1908, -10.9423



38.7180, -19.0880, 9.0173

Square

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



35.4770, 40.1908, -10.9423



31.3950, -15.4777, 64.5516



29.3500, -14.4695, -25.7399



43.4910, 21.9429, -38.1416

Rectangle

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



35.4770, 40.1908, -10.9423



38.1490, 7.8145, 60.3823



29.3500, -14.4695, -25.7399



36.0640, -3.9756, -31.6281

Sweetspot

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



35.4770, 40.1908, -10.9423



120.8050, 15.8721, -4.2140



88.5520, 12.5459, -57.4891



57.2090, 9.7570, -2.8143



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



35.4770, 40.1908, -10.9423



25.6930, 62.7624, -17.2708



46.8720, 34.5731, 17.6523



53.6840, 2.6208, -0.5999



16.2560, 52.1318, -14.2565



33.1960, 106.8844, -29.1129

Inverse Universe

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



51.4480, -12.5459, 57.4891



50.5230, -19.4848, 89.8723



93.1280, -34.5731, -17.6523



54.7940, -0.8844, 3.6887



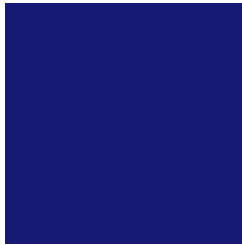
36.9340, -16.2365, 74.6029



75.6620, -33.3574, 152.8944

Previews

White Background



This preview shows how the YUV color 35.4770, 40.1908, -10.9423 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 35.4770, 40.1908, -10.9423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

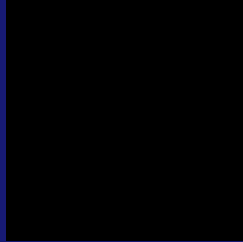
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.4770, 40.1908, -10.9423

Background



This preview shows how black text looks on a background with the YUV color 35.4770, 40.1908, -10.9423.



This preview shows how white text looks on a background with the YUV color 35.4770, 40.1908,

-10.9423.

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

35.4770, 40.1908, -10.9423

Protanopia

33.1700, 25.5522, -29.0901

Deuteranopia

33.4490, 19.0056, -29.3348



Tritanopia

33.1750, 7.8017, -29.0945

Trichromacy



Original Color

35.4770, 40.1908, -10.9423

Protanomaly

33.9950, 31.0615, -22.7976

Deuteranomaly

34.1430, 26.5515, -22.9274

Tritanomaly

33.7210, 19.8575, -22.5573

Monochromacy



Original Color

35.4770, 40.1908, -10.9423

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.4630, 14.5617, -3.9141

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.4770, 40.1908, -10.9423 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(23, 26, 117)` looks like.

```
.text, #text, p{  
    color:rgb(23, 26, 117)  
}
```

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(23, 26, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 26, 117) }
```

Border

The CSS property to change the border of an element to YUV 35.4770, 40.1908, -10.9423 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(23, 26, 117) }
```


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

```
.border{ border-color:rgb(23, 26, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 26, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 26, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 26, 117);  
box-shadow:4px 4px 4px 4px rgb(23, 26,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 35.4770, 40.1908, -10.9423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 26, 117) }
```

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

```
.background{ background-color: rgb(23, 26,  
117) }
```

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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