

Converting Colors

YUV(106.3710, 23.9741,
-36.2824)

Have a look what the booklet for
YUV(106.3710, 23.9741, -36.2824)
contains.

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Color

**YUV(106.3710, 23.9741,
-36.2824)**

Conversions

Conversions Part 1

Format	Color
Hex	41769B
RGB	65, 118, 155
RGB Percent	25%, 46%, 61%
CMY	0.7451, 0.5373, 0.3922
CMYK	0.58, 0.24, 0.00, 0.39
HSL	205°, 41%, 43%
HSV	205°, 58%, 61%
XYZ	14.5748, 16.4472, 33.4168
YIQ	106.3710, -43.4650, 0.2710

Conversions

Conversions Part 2

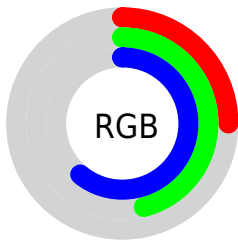
Format	Color
R _{YB}	65, 98, 155
Decimal	4290203
CIE Lab	47.56, -6.32, -25.33
CIE LCh	48, 26.105, 255.980
Yxy	16.4472, 0.2262, 0.2552
Android (android.graphics.Color)	4282480283 (0xFF41769B)
YUV	106.3710, 23.9741, -36.2824
Hunter-Lab	40.5552, -6.8219, -20.4653

Details

The YUV color **106.3710, 23.9741, -36.2824** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **113.6290, -23.9741, 36.2824**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.6100, 24.8423, -34.7380**, and **52.9460, 25.1696, -46.4336** is the 20% darker color. If you saturate the color by 10%, you get **98.0650, 28.0690, -43.0300**, and if you desaturate by 10%, it is **114.3780, 20.0266, -30.1495**.

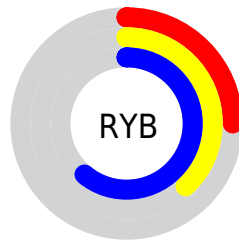
Distribution



Red (25%)

Green (46%)

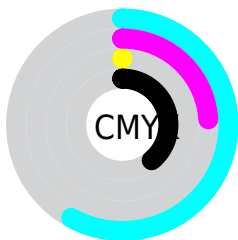
Blue (61%)



Red (25%)

Yellow (38%)

Blue (61%)

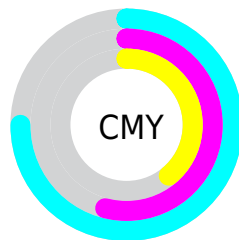


Cyan (58%)

Magenta (24%)

Yellow (0%)

Black (39%)



Cyan (75%)

Magenta (54%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.3710, 23.9741, -36.2824 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 106.3710, 23.9741, -36.2824 by changing the saturation by 10% instead.

■ 106.3710, 23.9741,
-36.2824

■ 106.3710, 23.9741,
-36.2824

■ 255.0000, 0.0000,
0.0000

■ 79.7620, 24.2743,
-39.2563

■ 159.6100, 24.8423,
-34.7380

■ 52.9460, 25.1696,
-46.4336

■ 186.7240, 25.2791,
-34.8379

■ 37.1820, 20.6163,
-32.6086

■ 213.4700, 20.4743,
-33.7382

■ 22.2330, 16.6471,
-19.4983

■ 239.1640, 7.8071,
-30.8388

■ 5.1640, 14.7091,
-4.5288

■ 248.4220, 3.2430,
-13.5251

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,

0.0000

■ 106.3710, 23.9741,
-36.2824

■ 106.3710, 23.9741,
-36.2824

■ 98.0650, 28.0690,
-43.0300

■ 114.3780, 20.0266,
-30.1495

■ 89.4710, 32.3058,
-48.6481

■ 123.2710, 15.6424,
-23.9167

■ 81.4640, 36.2532,
-54.7809

■ 131.2780, 11.6949,
-17.7838

■ 73.1580, 40.3481,
-61.5286

■ 139.5840, 7.6001,
-11.0362

■ 71.0870, 41.3691,
-62.3433

■ 148.1780, 3.3632,
-5.4181

■ 156.4840, -0.7316,
1.3295

■ 165.0780, -4.9685,
6.9476

■ 173.3840, -9.0633,
13.6952

■ 181.3910,
-13.0108, 19.8281

Harmonies

Analogous

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



98.7830, 22.2920, -56.8147



106.3710, 23.9741, -36.2824



113.0260, 20.6932, -10.5468

Triad

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



106.3710, 23.9741, -36.2824



114.6240, -6.2236, 36.2868



107.5840, -12.6129, -14.5442

Complementary

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



106.3710, 23.9741, -36.2824



113.6290, -23.9741, 36.2824

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.



110.1690, -19.8033, 5.1138



106.3710, 23.9741, -36.2824



113.7840, -15.6695, 32.6384

Square

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



106.3710, 23.9741, -36.2824



115.6260, 4.1284, 29.2690



112.3390, -20.8731, 21.6277



103.4380, -1.2019, -34.5871

Rectangle

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



106.3710, 23.9741, -36.2824



115.2730, 16.1344, 5.0226



112.3390, -20.8731, 21.6277



108.5310, -15.5448, -7.4817

Sweetspot

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



106.3710, 23.9741, -36.2824



182.6160, 9.0633, -13.6952



121.9340, -10.3205, -49.9311



91.3240, 5.2633, -8.1771



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



106.3710, 23.9741, -36.2824



124.7950, 37.5691, -56.8252



80.5430, 36.7073, -13.6312



72.2600, 2.3368, -2.8590



64.6810, 37.1323, -56.7252



6.1780, 3.3632, -5.4181

Inverse Universe

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



97.9520, 9.8837, 50.0311



111.6210, 15.4698, 78.3854



139.4570, -36.7073, 13.6312



71.8480, 0.5679, 4.5183



51.3220, 15.6173, 77.7706



4.7990, 1.5781, 7.1923

Previews

White Background



This preview shows how the YUV color 106.3710, 23.9741, -36.2824 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 × Fail

Black Background



This preview shows how the YUV color 106.3710, 23.9741, -36.2824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

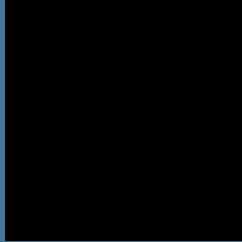
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.3710, 23.9741, -36.2824

Background



This preview shows how black text looks on a background with the YUV color 106.3710, 23.9741, -36.2824.

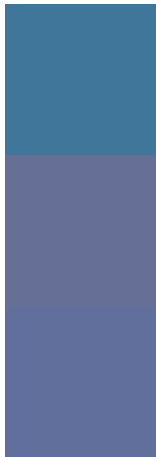


This preview shows how white text looks on a background with the YUV color 106.3710, 23.9741, -36.2824.

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

106.3710, 23.9741, -36.2824

Protanopia

112.7550, 18.3618, -9.4321

Deuteranopia

112.0580, 22.1564, -13.2059



Tritanopia

103.1070, 14.2442, -42.1898

Trichromacy



Original Color

106.3710, 23.9741, -36.2824

Protanomaly

110.8570, 20.2835, -19.1686

Deuteranomaly

110.1170, 22.6203, -22.0276

Tritanomaly

104.6280, 17.4384, -40.0158

Monochromacy



Original Color

106.3710, 23.9741, -36.2824

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.9150, 8.9159, -13.0805

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.3710, 23.9741, -36.2824 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(65, 118, 155)` looks like.

```
.text, #text, p{  
    color:rgb(65, 118, 155)  
}
```

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(65, 118, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 118, 155) }
```

Border

The CSS property to change the border of an element to YUV 106.3710, 23.9741, -36.2824 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(65, 118, 155) }
```


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

```
.border{ border-color:rgb(65, 118, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 118, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 118, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 118, 155);  
box-shadow:4px 4px 4px 4px rgb(65, 118,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 106.3710, 23.9741, -36.2824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 118, 155) }
```

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

```
.background{ background-color: rgb(65, 118,  
155) }
```

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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