

Converting Colors

YUV(108.4340, 52.0440,
-32.8296)

Have a look what the booklet for
YUV(108.4340, 52.0440, -32.8296)
contains.

YUV(108.4340, 52.0440, -32.8296)	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(108.4340, 52.0440,
-32.8296)**

Conversions

Conversions Part 1

Format	Color
Hex	476BD6
RGB	71, 107, 214
RGB Percent	28%, 42%, 84%
CMY	0.7216, 0.5804, 0.1608
CMYK	0.67, 0.50, 0.00, 0.16
HSL	225°, 64%, 56%
HSV	225°, 67%, 84%
XYZ	19.9938, 16.7100, 65.7899
YIQ	108.4340, -55.8030, 25.6450

Conversions

Conversions Part 2

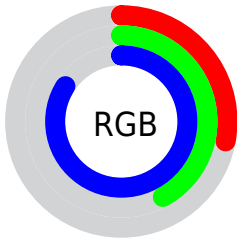
Format	Color
R _Y B	71, 100, 214
Decimal	4680662
CIE Lab	47.89, 21.97, -58.92
CIE LCh	48, 62.883, 290.445
Yxy	16.7100, 0.1951, 0.1630
Android (android.graphics.Color)	4282870742 (0xFF476BD6)
YUV	108.4340, 52.0440, -32.8296
Hunter-Lab	40.8779, 15.7700, -66.8083

Details

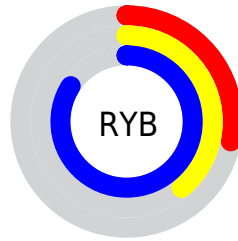
The YUV color **108.4340, 52.0440, -32.8296** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **176.5660, -52.0440, 32.8296**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.8820, 45.9072, -24.4525**, and **53.8190, 51.3612, -47.1993** is the 20% darker color. If you saturate the color by 10%, you get **92.7630, 59.7698, -37.5032**, and if you desaturate by 10%, it is **124.1050, 44.3182, -28.1561**.

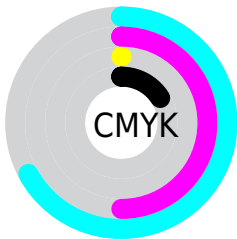
Distribution



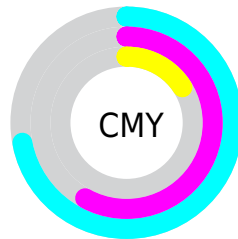
- Red (28%)
- Green (42%)
- Blue (84%)



- Red (28%)
- Yellow (39%)
- Blue (84%)



- Cyan (67%)
- Magenta (50%)
- Yellow (0%)
- Black (16%)



- Cyan (72%)
- Magenta (58%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.4340, 52.0440, -32.8296 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 108.4340, 52.0440, -32.8296 by changing the saturation by 10% instead.

■ 108.4340, 52.0440,
-32.8296

■ 108.4340, 52.0440,
-32.8296

255.0000, 0.0000,
0.0000

■ 78.8950, 52.8028,
-42.8809

■ 161.8820, 45.9072,
-24.4525

■ 53.8190, 51.3612,
-47.1993

■ 186.4020, 33.8188,
-20.5236

■ 38.5280, 46.0817,
-33.7891

■ 211.2210, 21.5830,
-15.9798

■ 24.4110, 40.2234,
-21.4084

■ 236.6270, 9.0579,
-11.9509

■ 9.8210, 35.0912,
-8.6130

254.7010, 0.1474,
-0.6148

■ 9.4330, 23.4505,
-8.2727

■ 5.0500, 14.2723,

-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 108.4340, 52.0440,
-32.8296

■ 108.4340, 52.0440,
-32.8296

■ 92.7630, 59.7698,
-37.5032

■ 124.1050, 44.3182,
-28.1561

■ 76.7930, 67.6431,
-42.7915

■ 140.0750, 36.4450,
-22.8678

■ 61.1220, 75.3689,
-47.4650

■ 155.7460, 28.7192,
-18.1942

■ 56.0940, 77.8477,
-49.1944

■ 171.7160, 20.8460,
-12.9059

■ 187.3870, 13.1202,
-8.2324

■ 203.0580, 5.3944,
-3.5589

■ 219.0280, -2.4788,
1.7294

■ 234.6990,
-10.2046, 6.4030

■ 247.9780,
-16.7512, 6.1583

Harmonies

Analogous

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



98.3410, 59.4849, -86.2451



108.4340, 52.0440, -32.8296



116.1350, 32.4714, 38.4696

Triad

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



108.4340, 52.0440, -32.8296



107.7660, -38.3386, 70.3652



90.5480, 1.7018, -79.4106

Complementary

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



108.4340, 52.0440, -32.8296



176.5660, -52.0440, 32.8296

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.



88.2090, -24.2600, -58.9423



108.4340, 52.0440, -32.8296



106.7840, -52.6445, 38.7774

Square

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



108.4340, 52.0440, -32.8296



104.7600, -12.2067, 88.7875



102.4110, -50.4886, 0.5166



97.4050, 25.4363, -85.4242

Rectangle

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



108.4340, 52.0440, -32.8296



110.8910, 19.2807, 69.3786



102.4110, -50.4886, 0.5166



87.9090, -5.8711, -77.0962

Sweetspot

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



108.4340, 52.0440, -32.8296



217.4450, 18.5146, -11.7913



166.9110, 4.4809, -84.1139



105.2300, 11.2256, -7.2177



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



108.4340, 52.0440, -32.8296



104.1930, 74.3479, -46.6503



97.1690, 57.5977, 5.9908



99.0150, 3.9366, -2.6442



44.7350, 62.2486, -39.2326



11.3590, 15.5990, -9.9618

Inverse Universe

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



117.8610, -5.3545, 84.3139



117.8100, -7.7943, 120.3156



187.8310, -57.5977, -5.9908



99.6310, -0.3111, 6.4626



56.0310, -6.4243, 100.8278



14.1110, -1.5337, 25.3357

Previews

White Background



This preview shows how the YUV color 108.4340, 52.0440, -32.8296 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 108.4340, 52.0440, -32.8296 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 108.4340, 52.0440, -32.8296

Background



This preview shows how black text looks on a background with the YUV color 108.4340, 52.0440, -32.8296.



This preview shows how white text looks on a background with the YUV color 108.4340, 52.0440, -32.8296.

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

108.4340, 52.0440, -32.8296

Protanopia

104.2690, 55.5764, -45.8399

Deuteranopia

90.6470, 55.3900, -79.4974



Tritanopia

89.4660, 22.9413, -78.4617

Trichromacy



Original Color

108.4340, 52.0440, -32.8296

Protanomaly

105.6610, 54.3971, -40.9217

Deuteranomaly

97.1160, 54.1728, -62.3687

Tritanomaly

96.3230, 33.3648, -61.6733

Monochromacy



Original Color

108.4340, 52.0440, -32.8296

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.5590, 18.9514, -11.8912

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.4340, 52.0440, -32.8296 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(71, 107, 214)` looks like.

```
.text, #text, p{  
    color:rgb(71, 107, 214)  
}
```

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(71, 107, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 107, 214) }
```

Border

The CSS property to change the border of an element to YUV 108.4340, 52.0440, -32.8296 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(71, 107, 214) }
```


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

```
.border{ border-color:rgb(71, 107, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 107, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 107, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 107, 214);  
box-shadow:4px 4px 4px 4px rgb(71, 107,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 108.4340, 52.0440, -32.8296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 107, 214) }
```

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

```
.background{ background-color: rgb(71, 107,  
214) }
```

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