

Converting Colors

YUV(106.4370, 40.7036,
-35.4632)

Have a look what the booklet for
YUV(106.4370, 40.7036, -35.4632)
contains.

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Color

**YUV(106.4370, 40.7036,
-35.4632)**

Conversions

Conversions Part 1

Format	Color
Hex	426FBD
RGB	66, 111, 189
RGB Percent	26%, 44%, 74%
CMY	0.7412, 0.5647, 0.2588
CMYK	0.65, 0.41, 0.00, 0.26
HSL	218°, 48%, 50%
HSV	218°, 65%, 74%
XYZ	17.1165, 16.2013, 50.3691
YIQ	106.4370, -51.8580, 14.7180

Conversions

Conversions Part 2

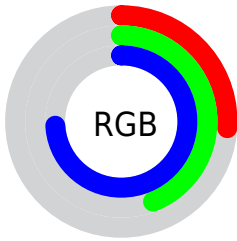
Format	Color
R_{YB}	66, 99, 189
Decimal	4353981
CIE _{Lab}	47.24, 9.78, -45.65
CIE _{LCh}	47, 46.685, 282.092
Yxy	16.2013, 0.2045, 0.1936
Android (android.graphics.Color)	4282544061 (0xFF426FBD)
YUV	106.4370, 40.7036, -35.4632
Hunter-Lab	40.2508, 5.4677, -46.0189

Details

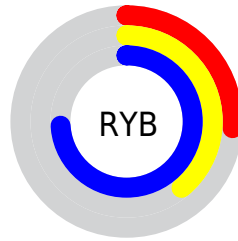
The YUV color **106.4370, 40.7036, -35.4632** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **148.5630, -40.7036, 35.4632**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.5130, 42.1451, -31.1449**, and **52.9580, 40.4467, -46.4442** is the 20% darker color. If you saturate the color by 10%, you get **93.7120, 46.9770, -40.9664**, and if you desaturate by 10%, it is **119.1620, 34.4301, -29.9601**.

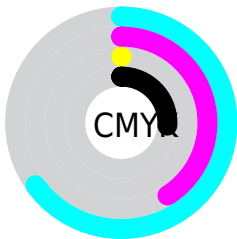
Distribution



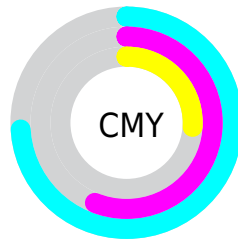
- Red (26%)
- Green (44%)
- Blue (74%)



- Red (26%)
- Yellow (39%)
- Blue (74%)



- Cyan (65%)
- Magenta (41%)
- Yellow (0%)
- Black (26%)



- Cyan (74%)
- Magenta (56%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.4370, 40.7036, -35.4632 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 106.4370, 40.7036, -35.4632 by changing the saturation by 10% instead.

■ 106.4370, 40.7036,
-35.4632

■ 106.4370, 40.7036,
-35.4632

■ 255.0000, 0.0000,
0.0000

■ 78.5070, 41.1620,
-42.5406

■ 160.5130, 42.1451,
-31.1449

■ 52.9580, 40.4467,
-46.4442

■ 186.0590, 33.9879,
-28.1157

■ 37.6670, 35.1672,
-33.0340

■ 211.1660, 21.6102,
-24.7016

■ 23.0770, 30.0350,
-20.2385

■ 236.5720, 9.0850,
-20.6726

■ 10.4760, 24.9083,
-9.1875

■ 251.1130, 1.9163,
-7.9921

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 106.4370, 40.7036,
-35.4632

■ 106.4370, 40.7036,
-35.4632

■ 93.7120, 46.9770,
-40.9664

■ 119.1620, 34.4301,
-29.9601

■ 80.9870, 53.2504,
-46.4696

■ 131.8870, 28.1567,
-24.4569

■ 68.2620, 59.5238,
-51.9728

■ 144.6120, 21.8833,
-18.9537

■ 62.0490, 62.5868,
-54.4170

■ 157.3370, 15.6099,
-13.4505

■ 170.0620, 9.3364,
-7.9474

■ 182.4880, 3.2104,
-3.0590

■ 195.2130, -3.0630,
2.4442

■ 207.9380, -9.3364,
7.9474

■ 220.6630,
-15.6099, 13.4505

Harmonies

Analogous

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



93.5190, 46.0861, -82.0162



106.4370, 40.7036, -35.4632



115.6240, 27.3004, 16.9928

Triad

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



106.4370, 40.7036, -35.4632



110.0600, -24.1866, 57.8294



85.5270, 0.2332, -75.0072

Complementary

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



106.4370, 40.7036, -35.4632



148.5630, -40.7036, 35.4632

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.



100.6140, -24.9527, -23.3405



106.4370, 40.7036, -35.4632



108.6110, -36.7832, 38.0522

Square

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



106.4370, 40.7036, -35.4632



110.8000, -6.3104, 64.1964



105.8650, -38.8804, 10.6424



91.3750, 17.5631, -80.1359

Rectangle

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



106.4370, 40.7036, -35.4632



114.7320, 16.8941, 41.4540



105.8650, -38.8804, 10.6424



91.5310, -9.1358, -56.5937

Sweetspot

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



106.4370, 40.7036, -35.4632



212.1520, 16.1941, -14.1653



147.0930, -1.5248, -71.1186



102.7630, 9.4838, -8.5622



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



106.4370, 40.7036, -35.4632



116.8640, 63.1710, -55.1317



84.8060, 51.3676, -2.4609



87.7870, 3.0630, -2.4442



52.0580, 52.2294, -45.6549



9.9910, 10.3574, -8.7621

Inverse Universe

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



107.9070, 1.5248, 71.1186



119.0890, 2.4211, 110.4239



170.1940, -51.3676, 2.4609



88.0330, -0.0163, 5.2331



53.8540, 2.0440, 91.3360



10.5230, 0.2352, 17.9583

Previews

White Background



This preview shows how the YUV color 106.4370, 40.7036, -35.4632 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 106.4370, 40.7036, -35.4632 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 106.4370, 40.7036, -35.4632

Background



This preview shows how black text looks on a background with the YUV color 106.4370, 40.7036, -35.4632.



This preview shows how white text looks on a background with the YUV color 106.4370, 40.7036, -35.4632.

-35.4632.

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

106.4370, 40.7036, -35.4632

Protanopia

108.9220, 38.4925, -26.2416

Deuteranopia

104.9200, 41.4514, -42.0258



Tritanopia

96.9310, 17.7820, -56.9445

Trichromacy



Original Color

106.4370, 40.7036, -35.4632

Protanomaly

108.1280, 39.3769, -29.9303

Deuteranomaly

105.2300, 41.2986, -39.6667

Tritanomaly

100.4510, 25.9067, -49.5075

Monochromacy



Original Color

106.4370, 40.7036, -35.4632

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.1090, 14.7363, -13.2506

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.4370, 40.7036, -35.4632 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(66, 111, 189)` looks like.

```
.text, #text, p{  
    color:rgb(66, 111, 189)  
}
```

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(66, 111, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 111, 189) }
```

Border

The CSS property to change the border of an element to YUV 106.4370, 40.7036, -35.4632 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

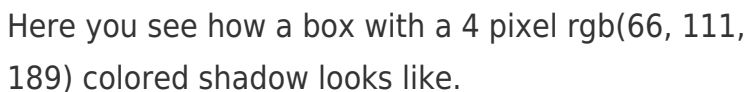
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(66, 111, 189) }
```


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

```
.border{ border-color:rgb(66, 111, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(66, 111, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(66, 111, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(66, 111, 189); box-shadow:4px 4px 4px 4px rgb(66, 111, 189) }
```

Background

The CSS property to change the background color of an element to YUV 106.4370, 40.7036, -35.4632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 111, 189) }
```

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

```
.background{ background-color: rgb(66, 111,  
189) }
```

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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