

Converting Colors

YUV(103.3320, 46.6713,
-36.2482)

Have a look what the booklet for
YUV(103.3320, 46.6713, -36.2482)
contains.

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Color

**YUV(103.3320, 46.6713,
-36.2482)**

Conversions

Conversions Part 1

Format	Color
Hex	3E6AC6
RGB	62, 106, 198
RGB Percent	24%, 42%, 78%
CMY	0.7569, 0.5843, 0.2235
CMYK	0.69, 0.46, 0.00, 0.22
HSL	221°, 54%, 51%
HSV	221°, 69%, 78%
XYZ	17.3337, 15.4094, 55.4868
YIQ	103.3320, -55.7560, 19.2840

Conversions

Conversions Part 2

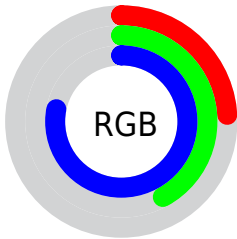
Format	Color
R_{YB}	62, 95, 198
Decimal	4090566
CIE _{Lab}	46.19, 15.48, -52.53
CIE _{LCh}	46, 54.760, 286.425
Yxy	15.4094, 0.1965, 0.1747
Android (android.graphics.Color)	4282280646 (0xFF3E6AC6)
YUV	103.3320, 46.6713, -36.2482
Hunter-Lab	39.2548, 10.1240, -56.3282

Details

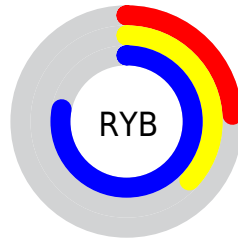
The YUV color **103.3320, 46.6713, -36.2482** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **156.6680, -46.6713, 36.2482**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.3050, 47.6706, -30.0855**, and **51.5220, 45.0987, -45.1848** is the 20% darker color. If you saturate the color by 10%, you get **89.7210, 53.3815, -41.8513**, and if you desaturate by 10%, it is **116.9430, 39.9611, -30.6450**.

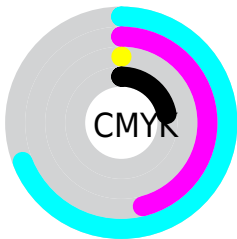
Distribution



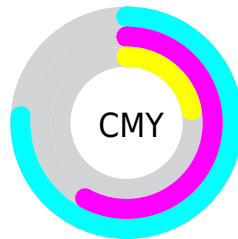
- Red (24%)
- Green (42%)
- Blue (78%)



- Red (24%)
- Yellow (37%)
- Blue (78%)



- Cyan (69%)
- Magenta (46%)
- Yellow (0%)
- Black (22%)



- Cyan (76%)
- Magenta (58%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.3320, 46.6713, -36.2482 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 103.3320, 46.6713, -36.2482 by changing the saturation by 10% instead.

■ 103.3320, 46.6713,
-36.2482

■ 103.3320, 46.6713,
-36.2482

■ 255.0000, 0.0000,
0.0000

■ 72.8960, 47.8723,
-48.1438

■ 158.3050, 47.6706,
-30.0855

■ 51.5220, 45.0987,
-45.1848

■ 182.8250, 35.5823,
-26.1565

■ 36.2310, 39.8191,
-31.7746

■ 207.6440, 23.3465,
-21.6128

■ 22.2280, 34.3976,
-19.4940

■ 233.0500, 10.8214,
-17.5838

■ 11.8610, 27.6765,
-10.4021

■ 251.4120, 1.7689,
-7.3773

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 103.3320, 46.6713,
-36.2482

■ 103.3320, 46.6713,
-36.2482

■ 89.7210, 53.3815,
-41.8513

■ 116.9430, 39.9611,
-30.6450

■ 75.5230, 60.3812,
-46.9397

■ 131.1410, 32.9615,
-25.5567

■ 62.2110, 66.9440,
-51.9280

■ 144.4530, 26.3987,
-20.5683

■ 60.1400, 67.9650,
-52.7428

■ 158.6510, 19.3991,
-15.4799

■ 172.2620, 12.6888,
-9.8768

■ 185.8730, 5.9786,
-4.2736

■ 200.0710, -1.0210,
0.8147

■ 213.3830, -7.5838,
5.8031

■ 227.5810,
-14.5834, 10.8915

Harmonies

Analogous

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



93.7130, 51.9065, -82.1863



103.3320, 46.6713, -36.2482



112.3740, 29.8886, 26.8590

Triad

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



103.3320, 46.6713, -36.2482



105.1980, -30.1706, 63.8474



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.



103.3320, 46.6713, -36.2482



156.6680, -46.6713, 36.2482

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.



93.0100, -25.6409, -35.9658



103.3320, 46.6713, -36.2482



103.4790, -50.0291, 39.9219

Square

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



103.3320, 46.6713, -36.2482



104.4810, -9.1111, 75.8772



99.7970, -49.1999, 7.1940



92.1730, 20.6207, -80.8357

Rectangle

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



103.3320, 46.6713, -36.2482



109.8630, 18.3085, 54.4941



99.7970, -49.1999, 7.1940



83.2300, -6.0294, -72.9927

Sweetspot

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



103.3320, 46.6713, -36.2482



217.7220, 18.3781, -14.6652



152.2060, 0.3914, -79.1107



105.5180, 11.0836, -8.3473



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.



103.3320, 46.6713, -36.2482



109.7420, 71.6122, -55.9017



84.3810, 56.0142, 0.5429



92.7870, 3.0630, -2.4442



49.6930, 55.8604, -43.5808



11.1480, 12.2520, -9.7768

Inverse Universe

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



107.6800, -0.8282, 79.2106



116.2430, -1.1058, 121.6899



175.6190, -56.0142, -0.5429



93.0330, -0.0163, 5.2331



54.7790, -0.8770, 94.9098



12.1320, -0.0651, 20.9322

Previews

White Background



This preview shows how the YUV color 103.3320, 46.6713, -36.2482 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 103.3320, 46.6713, -36.2482 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 103.3320, 46.6713, -36.2482

Background



This preview shows how black text looks on a background with the YUV color 103.3320, 46.6713, -36.2482.



This preview shows how white text looks on a background with the YUV color 103.3320, 46.6713, -36.2482.

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

103.3320, 46.6713, -36.2482

Protanopia

103.6310, 46.5239, -35.6334

Deuteranopia

87.6150, 53.9268, -76.8384



Tritanopia

85.9610, 22.2042, -75.3878

Trichromacy



Original Color

103.3320, 46.6713, -36.2482

Protanomaly

103.6310, 46.5239, -35.6334

Deuteranomaly

93.3180, 51.1152, -61.6689

Tritanomaly

92.6390, 30.7440, -61.0734

Monochromacy



Original Color

103.3320, 46.6713, -36.2482

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.0920, 17.2096, -13.2357

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.3320, 46.6713, -36.2482 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(62, 106, 198)` looks like.

```
.text, #text, p{  
    color:rgb(62, 106, 198)  
}
```

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(62, 106, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 106, 198) }
```

Border

The CSS property to change the border of an element to YUV 103.3320, 46.6713, -36.2482 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(62, 106, 198) }
```


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

```
.border{ border-color:rgb(62, 106, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 106, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 106, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 106, 198);  
box-shadow:4px 4px 4px 4px rgb(62, 106,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 103.3320, 46.6713, -36.2482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 106, 198) }
```

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

```
.background{ background-color: rgb(62, 106,  
198) }
```

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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