

Converting Colors

YUV(103.6060, 74.6372,
-46.1355)

Have a look what the booklet for
YUV(103.6060, 74.6372, -46.1355)
contains.

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Color

**YUV(103.6060, 74.6372,
-46.1355)**

Conversions

Conversions Part 1

Format	Color
Hex	3365FF
RGB	51, 101, 255
RGB Percent	20%, 40%, 100%
CMY	0.8000, 0.6039, 0.0000
CMYK	0.80, 0.60, 0.00, 0.00
HSL	225°, 100%, 60%
HSV	225°, 80%, 100%
XYZ	24.0689, 17.2312, 96.6651
YIQ	103.6060, -79.2340, 37.2940

Conversions

Conversions Part 2

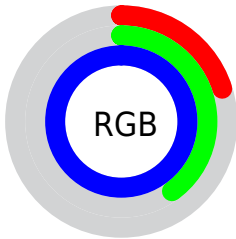
Format	Color
R _Y B	51, 91, 255
Decimal	3368447
CIE Lab	48.55, 38.10, -80.93
CIE LCh	49, 89.447, 295.210
Yxy	17.2312, 0.1745, 0.1249
Android (android.graphics.Color)	4281558527 (0xFF3365FF)
YUV	103.6060, 74.6372, -46.1355
Hunter-Lab	41.5104, 30.8560, -109.0110

Details

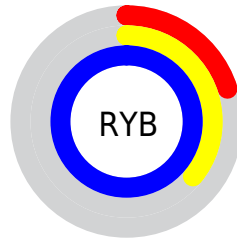
The YUV color **103.6060, 74.6372, -46.1355** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **202.3940, -74.6372, 46.1355**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.2780, 48.6699, -23.9228**, and **54.7430, 70.1327, -48.0096** is the 20% darker color. If you saturate the color by 10%, you get **84.6790, 83.9683, -52.3385**, and if you desaturate by 10%, it is **122.5330, 65.3062, -39.9324**.

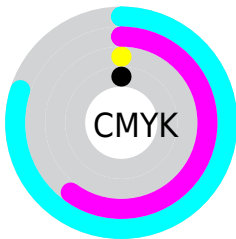
Distribution



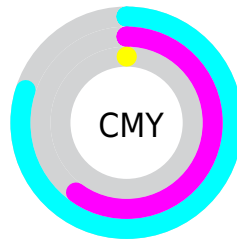
- Red (20%)
- Green (40%)
- Blue (100%)



- Red (20%)
- Yellow (36%)
- Blue (100%)



- Cyan (80%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.6060, 74.6372, -46.1355 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 103.6060, 74.6372, -46.1355 by changing the saturation by 10% instead.

■ 103.6060, 74.6372,
-46.1355

■ 103.6060, 74.6372,
-46.1355

■ 255.0000, 0.0000,
0.0000

■ 70.9630, 76.4332,
-62.2346

■ 156.2780, 48.6699,
-23.9228

■ 54.7430, 70.1327,
-48.0096

■ 181.9940, 35.9920,
-17.5347

■ 39.8110, 63.6902,
-34.9142

■ 207.9980, 23.1720,
-12.2762

■ 27.3410, 56.5269,
-23.9781

■ 234.0020, 10.3520,
-7.0178

■ 13.1100, 50.2318,
-11.4975

■ 17.7770, 35.1129,
-15.5904

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 103.6060, 74.6372,
-46.1355

■ 103.6060, 74.6372,
-46.1355

■ 84.6790, 83.9683,
-52.3385

■ 122.5330, 65.3062,
-39.9324

■ 66.0510, 93.1519,
-57.9267

■ 141.7480, 55.8332,
-34.8590

■ 160.6750, 46.5022,
-28.6560

■ 179.3030, 37.3186,
-23.0677

■ 198.2300, 27.9876,
-16.8647

■ 217.4450, 18.5146,
-11.7913

■ 236.3720, 9.1836,
-5.5882

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



105.3800, 73.7627, -92.4183



103.6060, 74.6372, -46.1355



106.9540, 47.3507, 72.8313

Triad

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



103.6060, 74.6372, -46.1355



102.3850, -50.4758, 89.9934



95.9280, 2.0075, -84.1289

Complementary

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



103.6060, 74.6372, -46.1355



202.3940, -74.6372, 46.1355

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.



82.1800, -40.5147, -72.0719



103.6060, 74.6372, -46.1355



108.5450, -53.5127, 37.2330

Square

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



103.6060, 74.6372, -46.1355



77.3610, -10.0380, 140.0034



99.0450, -48.8292, -18.4565



105.9940, 35.4990, -92.9567

Rectangle

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



103.6060, 74.6372, -46.1355



85.6570, 34.6791, 123.9578



99.0450, -48.8292, -18.4565



92.2630, -9.4967, -80.9147

Sweetspot

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



103.6060, 74.6372, -46.1355



209.7590, 22.3038, -13.8206



188.1900, 7.7943, -120.3156



100.5010, 13.5570, -8.3324



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.



103.6060, 74.6372, -46.1355



73.1500, 89.6521, -55.3826



89.5050, 81.5890, 10.9581



118.2430, 4.8102, -2.8441



49.3630, 69.8270, -43.2914



16.6880, 23.3248, -14.6354

Inverse Universe

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



117.6960, -8.2311, 120.4156



90.0950, -9.9068, 144.6217



216.4950, -81.5890, -10.9581



119.2290, -0.6059, 7.6922



62.4670, -7.6252, 112.7234



20.9600, -2.4453, 37.7461

Previews

White Background



This preview shows how the YUV color 103.6060, 74.6372, -46.1355 looks on a white background.

Color Contrast Check

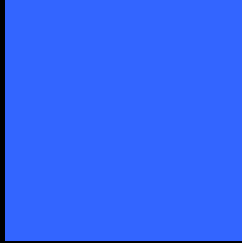
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.6060, 74.6372, -46.1355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

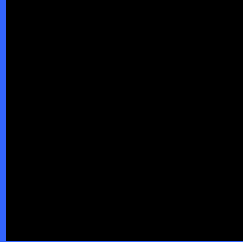
Any Text WCAG AA × Fail

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 103.6060, 74.6372, -46.1355 Background



This preview shows how black text looks on a background with the YUV color 103.6060, 74.6372, -46.1355.



This preview shows how white text looks on a background with the YUV color 103.6060, 74.6372, -46.1355.

-46.1355.

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

103.6060, 74.6372, -46.1355

Protanopia

91.1320, 69.9409, -79.9228

Deuteranopia

91.4790, 53.5009, -80.2271



Tritanopia

89.9390, 22.2151, -78.8765

Trichromacy



Original Color

103.6060, 74.6372, -46.1355

Protanomaly

95.9640, 71.5027, -67.4974

Deuteranomaly

95.9180, 61.1724, -67.4571

Tritanomaly

95.3530, 41.2380, -66.9616

Monochromacy



Original Color

103.6060, 74.6372, -46.1355

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0020, 27.1140, -16.6648

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.6060, 74.6372, -46.1355 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(51, 101, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 101, 255)  
}
```

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(51, 101, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 101, 255) }
```

Border

The CSS property to change the border of an element to YUV 103.6060, 74.6372, -46.1355 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(51, 101, 255) }
```


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

```
.border{ border-color:rgb(51, 101, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 101, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 101, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 101, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 101,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 103.6060, 74.6372, -46.1355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 101, 255) }
```

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

```
.background{ background-color: rgb(51, 101,  
255) }
```

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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