

Converting Colors

YUV(73.2440, 66.9277,
-46.6950)

Have a look what the booklet for
YUV(73.2440, 66.9277, -46.6950)
contains.

YUV(73.2440, 66.9277, -46.6950)	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(73.2440, 66.9277,
-46.6950)**

Conversions

Conversions Part 1

Format	Color
Hex	144AD1
RGB	20, 74, 209
RGB Percent	8%, 29%, 82%
CMY	0.9216, 0.7098, 0.1804
CMYK	0.90, 0.65, 0.00, 0.18
HSL	223°, 83%, 45%
HSV	223°, 90%, 82%
XYZ	14.2459, 9.6497, 61.4333
YIQ	73.2440, -75.5190, 30.5370

Conversions

Conversions Part 2

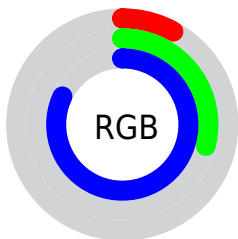
Format	Color
RYB	20, 62, 209
Decimal	1329873
CIELab	37.21, 36.26, -73.53
CIELCh	37, 81.983, 296.248
Yxy	9.6497, 0.1670, 0.1131
Android (android.graphics.Color)	4279519953 (0xFF144AD1)
YUV	73.2440, 66.9277, -46.6950
Hunter-Lab	31.0640, 27.4977, -95.5093

Details

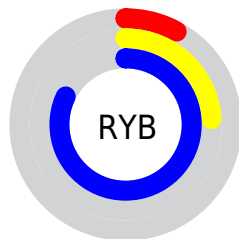
The YUV color **73.2440, 66.9277, -46.6950** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **155.7560, -66.9277, 46.6950**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.6770, 60.3052, -22.5187**, and **36.2260, 57.5696, -31.7702** is the 20% darker color. If you saturate the color by 10%, you get **59.0460, 73.9273, -51.7833**, and if you desaturate by 10%, it is **88.3280, 59.4913, -41.5067**.

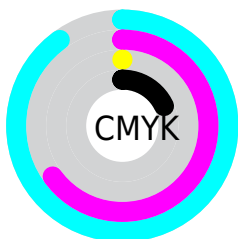
Distribution



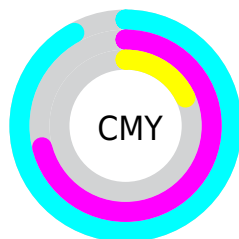
- Red (8%)
- Green (29%)
- Blue (82%)



- Red (8%)
- Yellow (24%)
- Blue (82%)



- Cyan (90%)
- Magenta (65%)
- Yellow (0%)
- Black (18%)



- Cyan (92%)
- Magenta (71%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.2440, 66.9277, -46.6950 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 73.2440, 66.9277, -46.6950 by changing the saturation by 10% instead.

■ 73.2440, 66.9277,
-46.6950

■ 73.2440, 66.9277,
-46.6950

■ 255.0000, 0.0000,
0.0000

■ 51.1580, 64.0121,
-44.8656

■ 132.6770, 60.3052,
-22.5187

■ 36.2260, 57.5696,
-31.7702

■ 157.5070, 48.0640,
-16.2306

■ 23.1690, 50.6957,
-20.3192

■ 182.6250, 35.6809,
-11.0721

■ 11.5140, 44.1166,
-10.0978

■ 207.7430, 23.2977,
-5.9136

■ 13.8330, 30.1553,
-12.1315

■ 233.4480, 10.6251,
-1.2699

■ 8.2760, 21.5559,
-7.2581

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 73.2440, 66.9277,
-46.6950

■ 73.2440, 66.9277,
-46.6950

■ 59.0460, 73.9273,
-51.7833

■ 88.3280, 59.4913,
-41.5067

■ 103.4120, 52.0549,
-36.3183

■ 118.4960, 44.6185,
-31.1300

■ 133.5800, 37.1821,
-25.9417

■ 148.3650, 29.8931,
-21.3681

■ 163.4490, 22.4566,
-16.1798

■ 177.9460, 15.3096,
-10.4766

■ 193.0300, 7.8732,
-5.2883

■ 208.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



84.1220, 68.4669, -73.7750



73.2440, 66.9277, -46.6950



67.4490, 46.6136, 75.9052

Triad

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



73.2440, 66.9277, -46.6950



76.0270, -37.4813, 75.3983



74.5220, 1.2217, -65.3558

Complementary

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



73.2440, 66.9277, -46.6950



155.7560, -66.9277, 46.6950

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.



63.3960, -31.2542, -55.5983



73.2440, 66.9277, -46.6950



83.1060, -40.9713, 27.9710

Square

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



73.2440, 66.9277, -46.6950



61.3980, -13.0142, 114.5380



73.0520, -36.0146, -21.9706



82.8610, 30.6345, -72.6691

Rectangle

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



73.2440, 66.9277, -46.6950



69.1090, 25.5823, 101.6364



73.0520, -36.0146, -21.9706



71.1990, -8.9721, -62.4415

Sweetspot

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



73.2440, 66.9277, -46.6950



205.6060, 24.3512, -17.1945



145.9910, 2.9624, -110.4941



98.1310, 14.7254, -9.7619



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.



73.2440, 66.9277, -46.6950



71.9210, 90.2579, -63.0747



52.9080, 76.9534, 4.4657



97.0150, 3.9366, -2.6442



47.3280, 59.4913, -41.5067



11.7180, 14.4360, -10.2767

Inverse Universe

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



82.6670, -4.2728, 110.7940



84.5670, -5.7025, 149.4697



176.0920, -76.9534, -4.4657



97.6310, -0.3111, 6.4626



55.7040, -3.7981, 98.4836



13.6270, -0.8021, 24.0061

Previews

White Background



This preview shows how the YUV color 73.2440, 66.9277, -46.6950 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 ✓ Pass

Black Background



This preview shows how the YUV color 73.2440, 66.9277, -46.6950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

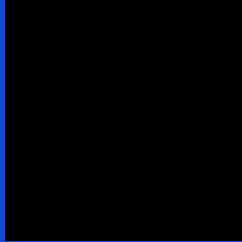
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.2440, 66.9277, -46.6950

Background



This preview shows how black text looks on a background with the YUV color 73.2440, 66.9277, -46.6950.



This preview shows how white text looks on a background with the YUV color 73.2440, 66.9277, -46.6950.

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

73.2440, 66.9277, -46.6950

Protanopia

69.4860, 53.0044, -60.9392

Deuteranopia

70.1580, 40.3481, -61.5286



Tritanopia

68.5670, 16.4825, -60.1333

Trichromacy



Original Color

73.2440, 66.9277, -46.6950

Protanomaly

70.5990, 58.3717, -55.7763

Deuteranomaly

71.1230, 50.2254, -56.2359

Tritanomaly

70.4100, 34.8009, -55.6106

Monochromacy



Original Color

73.2440, 66.9277, -46.6950

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9050, 24.2038, -16.5797

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.2440, 66.9277, -46.6950 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(20, 74, 209)` looks like.

```
.text, #text, p{  
    color:rgb(20, 74, 209)  
}
```

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(20, 74, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 74, 209) }
```

Border

The CSS property to change the border of an element to YUV 73.2440, 66.9277, -46.6950 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(20, 74, 209) }
```


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

```
.border{ border-color:rgb(20, 74, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 74, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 74, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 74, 209);  
box-shadow:4px 4px 4px 4px rgb(20, 74,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 73.2440, 66.9277, -46.6950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 74, 209) }
```

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

```
.background{ background-color: rgb(20, 74,  
209) }
```

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