

Converting Colors

YUV(71.1660, 71.8962,
-53.6426)

Have a look what the booklet for
YUV(71.1660, 71.8962, -53.6426)
contains.

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Color

**YUV(71.1660, 71.8962,
-53.6426)**

Conversions

Conversions Part 1

Format	Color
Hex	0A4AD9
RGB	10, 74, 217
RGB Percent	4%, 29%, 85%
CMY	0.9608, 0.7098, 0.1490
CMYK	0.95, 0.66, 0.00, 0.15
HSL	221°, 91%, 45%
HSV	221°, 95%, 85%
XYZ	15.0983, 9.9718, 66.7746
YIQ	71.1660, -84.0470, 30.9050

Conversions

Conversions Part 2

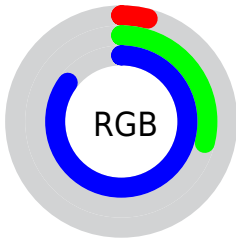
Format	Color
RYB	10, 59, 217
Decimal	674521
CIELab	37.79, 38.93, -77.18
CIElCh	38, 86.439, 296.767
Yxy	9.9718, 0.1644, 0.1086
Android (android.graphics.Color)	4278864601 (0xFF0A4AD9)
YUV	71.1660, 71.8962, -53.6426
Hunter-Lab	31.5782, 30.0834, -103.2686

Details

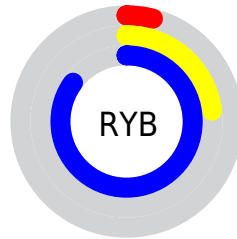
The YUV color **71.1660, 71.8962, -53.6426** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **155.8340, -71.8962, 53.6426**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.6770, 60.3052, -22.5187**, and **37.1380, 61.0640, -32.5700** is the 20% darker color. If you saturate the color by 10%, you get **64.0670, 75.3960, -56.1868**, and if you desaturate by 10%, it is **86.5490, 64.3123, -47.8395**.

Distribution



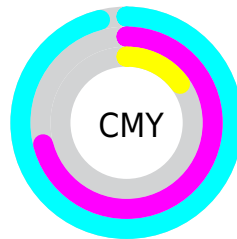
- Red (4%)
- Green (29%)
- Blue (85%)



- Red (4%)
- Yellow (23%)
- Blue (85%)



- Cyan (95%)
- Magenta (66%)
- Yellow (0%)
- Black (15%)



- Cyan (96%)
- Magenta (71%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.1660, 71.8962, -53.6426 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 71.1660, 71.8962, -53.6426 by changing the saturation by 10% instead.

■ 71.1660, 71.8962,
-53.6426

■ 71.1660, 71.8962,
-53.6426

■ 255.0000, 0.0000,
0.0000

■ 52.0700, 67.5065,
-45.6654

■ 132.6770, 60.3052,
-22.5187

■ 37.1380, 61.0640,
-32.5700

■ 157.5070, 48.0640,
-16.2306

■ 24.0810, 54.1901,
-21.1190

■ 182.9240, 35.5335,
-10.4573

■ 12.1980, 46.7374,
-10.6976

■ 208.0420, 23.1503,
-5.2988

■ 15.8050, 32.6341,
-13.8610

■ 233.7470, 10.4777,
-0.6551

■ 9.5470, 23.8873,
-8.3727

■ 5.1640, 14.7091,

-4.5288

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 71.1660, 71.8962,
-53.6426

■ 71.1660, 71.8962,
-53.6426

■ 64.0670, 75.3960,
-56.1868

■ 86.5490, 64.3123,
-47.8395

■ 101.6330, 56.8759,
-42.6511

■ 117.0160, 49.2921,
-36.8480

■ 132.3990, 41.7083,
-31.0449

■ 147.7820, 34.1245,
-25.2418

■ 162.8660, 26.6881,
-20.0535

■ 178.2490, 19.1042,
-14.2504

■ 193.6320, 11.5204,
-8.4473

■ 208.7160, 4.0840,
-3.2589

Harmonies

Analogous

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



86.3220, 71.8193, -75.7044



71.1660, 71.8962, -53.6426



66.8780, 49.3601, 81.6680

Triad

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



71.1660, 71.8962, -53.6426



76.0490, -37.4922, 78.8870



75.9240, 1.5165, -66.5853

Complementary

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



71.1660, 71.8962, -53.6426



155.8340, -71.8962, 53.6426

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.



65.1570, -32.1224, -57.1427



71.1660, 71.8962, -53.6426



83.9920, -41.4081, 28.0710

Square

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



71.1660, 71.8962, -53.6426



62.8500, -15.2091, 118.5266



72.7310, -35.8564, -26.0741



84.7190, 32.6765, -74.2986

Rectangle

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



71.1660, 71.8962, -53.6426



71.4300, 25.4240, 105.7399



72.7310, -35.8564, -26.0741



72.4870, -9.1141, -63.5711

Sweetspot

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



71.1660, 71.8962, -53.6426



202.9370, 25.6671, -19.2387



147.5830, 1.6846, -120.6603



96.3480, 15.6044, -11.7062



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.



71.1660, 71.8962, -53.6426



75.4430, 88.5216, -66.1635



44.9600, 84.8157, 2.6661



102.0150, 3.9366, -2.6442



51.4200, 59.9389, -45.0953



13.4620, 16.0412, -11.8062

Inverse Universe

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



79.1890, -2.5582, 120.8602



85.2510, -3.0817, 148.8699



182.0400, -84.8157, -2.6661



102.6310, -0.3111, 6.4626



57.8830, -1.9143, 100.9576



15.3500, -0.6655, 26.8800

Previews

White Background



This preview shows how the YUV color 71.1660, 71.8962, -53.6426 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 71.1660, 71.8962, -53.6426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

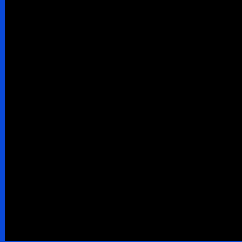
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.1660, 71.8962, -53.6426

Background



This preview shows how black text looks on a background with the YUV color 71.1660, 71.8962, -53.6426.



This preview shows how white text looks on a background with the YUV color 71.1660, 71.8962,

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

71.1660, 71.8962, -53.6426

Protanopia

70.4150, 54.0254, -61.7540

Deuteranopia

70.9730, 40.9323, -62.2433



Tritanopia

69.3820, 17.0667, -60.8480

Trichromacy



Original Color

71.1660, 71.8962, -53.6426

Protanomaly

70.7450, 60.2717, -58.5354

Deuteranomaly

71.2690, 52.1254, -58.9949

Tritanomaly

69.9690, 36.9903, -57.8548

Monochromacy



Original Color

71.1660, 71.8962, -53.6426

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.0510, 26.1039, -19.3387

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.1660, 71.8962, -53.6426 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(10, 74, 217)` looks like.

```
.text, #text, p{  
    color:rgb(10, 74, 217)  
}
```

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(10, 74, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 74, 217) }
```

Border

The CSS property to change the border of an element to YUV 71.1660, 71.8962, -53.6426 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(10, 74, 217) }
```


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

```
.border{ border-color:rgb(10, 74, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 74, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 74, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 74, 217);  
box-shadow:4px 4px 4px 4px rgb(10, 74,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 71.1660, 71.8962, -53.6426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 74, 217) }
```

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

```
.background{ background-color: rgb(10, 74,  
217) }
```

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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