

Converting Colors

YUV(84.3060, 35.8381,
-61.6584)

Have a look what the booklet for
YUV(84.3060, 35.8381, -61.6584)
contains.

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Color

**YUV(84.3060, 35.8381,
-61.6584)**

Conversions

Conversions Part 1

Format	Color
Hex	0E6A9D
RGB	14, 106, 157
RGB Percent	5%, 42%, 62%
CMY	0.9451, 0.5843, 0.3843
CMYK	0.91, 0.32, 0.00, 0.38
HSL	201°, 84%, 34%
HSV	201°, 91%, 62%
XYZ	11.4209, 12.8358, 33.7739
YIQ	84.3060, -71.2030, -3.6430

Conversions

Conversions Part 2

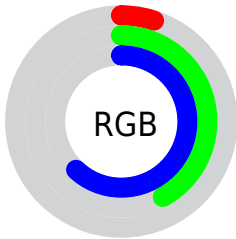
Format	Color
RYB	14, 70, 157
Decimal	944797
CIELab	42.51, -5.49, -34.50
CIELCh	43, 34.931, 260.962
Yxy	12.8358, 0.1968, 0.2212
Android (android.graphics.Color)	4279134877 (0xFF0E6A9D)
YUV	84.3060, 35.8381, -61.6584
Hunter-Lab	35.8270, -5.7950, -30.8134

Details

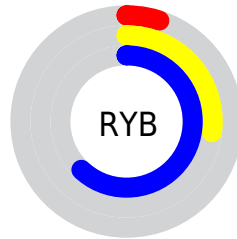
The YUV color **84.3060, 35.8381, -61.6584** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **86.6940, -35.8381, 61.6584**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.9380, 34.0476, -47.3036**, and **46.6030, 28.7897, -40.8708** is the 20% darker color. If you saturate the color by 10%, you get **77.1850, 39.3488, -67.6912**, and if you desaturate by 10%, it is **92.6120, 31.7433, -54.9107**.

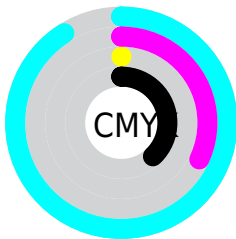
Distribution



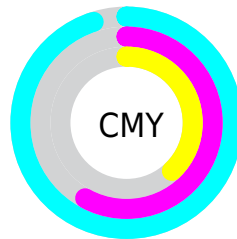
- Red (5%)
- Green (42%)
- Blue (62%)



- Red (5%)
- Yellow (27%)
- Blue (62%)



- Cyan (91%)
- Magenta (32%)
- Yellow (0%)
- Black (38%)



- Cyan (95%)
- Magenta (58%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.3060, 35.8381, -61.6584 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 84.3060, 35.8381, -61.6584 by changing the saturation by 10% instead.

■ 84.3060, 35.8381,
-61.6584

■ 84.3060, 35.8381,
-61.6584

■ 255.0000, 0.0000,
0.0000

■ 63.0680, 33.4905,
-55.3106

■ 142.9380, 34.0476,
-47.3036

■ 46.6030, 28.7897,
-40.8708

■ 170.6500, 34.1896,
-46.1740

■ 31.5400, 24.3838,
-27.6606

■ 196.8800, 28.6532,
-43.7448

■ 16.5910, 20.4146,
-14.5503

■ 222.8730, 15.8386,
-40.2306

■ 5.1640, 14.7091,
-4.5288

■ 240.3490, 7.2229,
-30.1241

■ 1.2540, 4.8048,
-1.0998

■ 249.3190, 2.8007,

■ 0.0000, 0.0000,

-11.6808

0.0000

■ 84.3060, 35.8381,
-61.6584

■ 84.3060, 35.8381,
-61.6584

■ 77.1850, 39.3488,
-67.6912

■ 92.6120, 31.7433,
-54.9107

■ 100.0320, 28.0852,
-48.2631

■ 108.3380, 23.9904,
-41.5154

■ 116.0570, 20.1849,
-34.2530

■ 124.3630, 16.0900,
-27.5054

■ 132.3700, 12.1426,
-21.3725

■ 140.0890, 8.3371,
-14.1101

■ 148.3950, 4.2423,
-7.3624

■ 155.8150, 0.5842,
-0.7148

Harmonies

Analogous

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



82.1600, 30.4871, -72.0543



84.3060, 35.8381, -61.6584



100.2200, 26.5135, -10.7169

Triad

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



84.3060, 35.8381, -61.6584



100.4790, -9.6031, 46.9379



91.1760, -13.8908, -24.7104

Complementary

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



84.3060, 35.8381, -61.6584



86.6940, -35.8381, 61.6584

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.



95.6540, -25.4654, 1.1804



84.3060, 35.8381, -61.6584



99.7480, -21.0748, 39.6860

Square

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



84.3060, 35.8381, -61.6584



102.2900, 3.8010, 40.9647



98.5150, -27.8619, 23.2273



77.1780, 6.3212, -67.6851

Rectangle

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



84.3060, 35.8381, -61.6584



103.3430, 20.0439, 11.1002



98.5150, -27.8619, 23.2273



92.9770, -18.7227, -14.8888

Sweetspot

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



84.3060, 35.8381, -61.6584



175.8150, 13.8952, -23.5168



103.6410, -19.5430, -78.6152



85.0890, 8.3371, -14.1101



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



84.3060, 35.8381, -61.6584



100.1530, 51.1966, -87.8342



42.6290, 56.3849, -25.1076



74.8470, 2.0474, -3.3738



70.3060, 35.8381, -61.6584



7.5800, 3.6581, -6.6477

Inverse Universe

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



67.2450, 19.1062, 78.7151



75.9300, 27.1495, 112.3174



128.3710, -56.3849, 25.1076



73.9620, 1.0047, 4.4183



53.2450, 19.1062, 78.7151



5.6250, 2.1569, 8.2219

Previews

White Background



This preview shows how the YUV color 84.3060, 35.8381, -61.6584 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 84.3060, 35.8381, -61.6584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

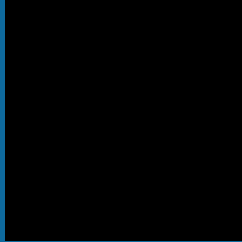
Any Text WCAG AA × Fail

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 84.3060, 35.8381, -61.6584 Background



This preview shows how black text looks on a background with the YUV color 84.3060, 35.8381, -61.6584.



This preview shows how white text looks on a background with the YUV color 84.3060, 35.8381, -61.6584.

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

84.3060, 35.8381, -61.6584

Protanopia

99.1440, 25.0720, -15.0353

Deuteranopia

97.0440, 30.0513, -25.4716



Tritanopia

78.7230, 19.8566, -69.0401

Trichromacy



Original Color

84.3060, 35.8381, -61.6584

Protanomaly

93.7720, 29.1994, -32.2490

Deuteranomaly

92.2380, 32.4207, -38.7967

Tritanomaly

80.6400, 25.8135, -66.3363

Monochromacy



Original Color

84.3060, 35.8381, -61.6584

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.2990, 13.1636, -22.1872

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.3060, 35.8381, -61.6584 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(14, 106, 157)` looks like.

```
.text, #text, p{  
    color:rgb(14, 106, 157)  
}
```

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(14, 106, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 106, 157) }
```

Border

The CSS property to change the border of an element to YUV 84.3060, 35.8381, -61.6584 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(14, 106, 157) }
```


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

```
.border{ border-color:rgb(14, 106, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 106, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 106, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 106, 157);  
box-shadow:4px 4px 4px 4px rgb(14, 106,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 84.3060, 35.8381, -61.6584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 106, 157) }
```

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

```
.background{ background-color: rgb(14, 106,  
157) }
```

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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