

Converting Colors

YUV(86.4090, 53.0424,
-73.1497)

Have a look what the booklet for
YUV(86.4090, 53.0424, -73.1497)
contains.

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Color

**YUV(86.4090, 53.0424,
-73.1497)**

Conversions

Conversions Part 1

Format	Color
Hex	036CC2
RGB	3, 108, 194
RGB Percent	1%, 42%, 76%
CMY	0.9882, 0.5765, 0.2392
CMYK	0.98, 0.44, 0.00, 0.24
HSL	207°, 97%, 39%
HSV	207°, 98%, 76%
XYZ	15.1377, 14.6395, 53.0668
YIQ	86.4090, -90.1860, 4.4860

Conversions

Conversions Part 2

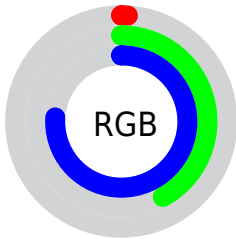
Format	Color
R_{YB}	3, 71, 194
Decimal	224450
CIE _{Lab}	45.14, 7.51, -51.98
CIE _{LCh}	45, 52.524, 278.217
Yxy	14.6395, 0.1827, 0.1767
Android (android.graphics.Color)	4278414530 (0xFF036CC2)
YUV	86.4090, 53.0424, -73.1497
Hunter-Lab	38.2616, 3.6634, -55.4489

Details

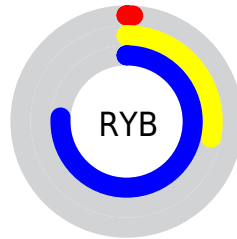
The YUV color **86.4090, 53.0424, -73.1497** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **110.5910, -53.0424, 73.1497**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.6510, 49.4721, -47.9289**, and **52.3540, 43.2095, -45.9145** is the 20% darker color. If you saturate the color by 10%, you get **84.9250, 53.7740, -74.4792**, and if you desaturate by 10%, it is **97.3730, 47.6371, -66.1021**.

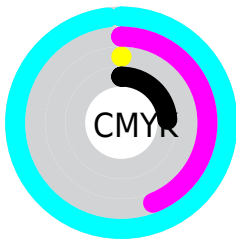
Distribution



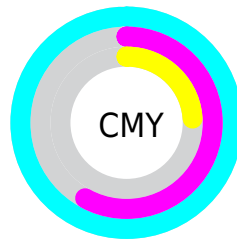
- Red (1%)
- Green (42%)
- Blue (76%)



- Red (1%)
- Yellow (28%)
- Blue (76%)



- Cyan (98%)
- Magenta (44%)
- Yellow (0%)
- Black (24%)



- Cyan (99%)
- Magenta (58%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.4090, 53.0424, -73.1497 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 86.4090, 53.0424, -73.1497 by changing the saturation by 10% instead.

■ 86.4090, 53.0424,
-73.1497

■ 86.4090, 53.0424,
-73.1497

■ 255.0000, 0.0000,
0.0000

■ 68.2320, 48.1996,
-59.8395

■ 150.6510, 49.4721,
-47.9289

■ 52.3540, 43.2095,
-45.9145

■ 176.5240, 38.6887,
-42.5555

■ 37.0630, 37.9299,
-32.5043

■ 201.3430, 26.4529,
-38.0118

■ 22.3590, 32.3610,
-19.6088

■ 226.7490, 13.9277,
-33.9829

■ 11.4050, 25.9293,
-10.0022

■ 244.2360, 5.3067,
-22.1320

■ 6.4350, 17.0405,
-5.6435

■ 253.2060, 0.8844,

■ 2.7530, 8.0098,

-3.6887

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 86.4090, 53.0424,
-73.1497

■ 86.4090, 53.0424,
-73.1497

■ 84.9250, 53.7740,
-74.4792

■ 97.3730, 47.6371,
-66.1021

■ 108.0490, 42.3738,
-57.9250

■ 119.0130, 36.9686,
-50.8774

■ 130.2760, 31.4159,
-43.2151

■ 141.2400, 26.0107,
-36.1675

■ 151.6170, 20.8948,
-28.6051

■ 162.8800, 15.3422,
-20.9428

■ 173.8440, 9.9369,
-13.8952

■ 185.1070, 4.3842,
-6.2328

Harmonies

Analogous

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



91.8720, 47.3911, -80.5717



86.4090, 53.0424, -73.1497



109.9700, 32.5528, 12.3043

Triad

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



86.4090, 53.0424, -73.1497



102.9300, -23.6295, 65.8364



81.5830, -4.7244, -71.5483

Complementary

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



86.4090, 53.0424, -73.1497



110.5910, -53.0424, 73.1497

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.



94.2030, -31.6521, -21.2260



86.4090, 53.0424, -73.1497



102.6890, -41.7517, 44.9997

Square

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



86.4090, 53.0424, -73.1497



102.7670, -2.8431, 72.1183



98.9660, -48.7902, 15.8158



88.0010, 14.7895, -77.1769

Rectangle

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



86.4090, 53.0424, -73.1497



109.1110, 22.1303, 41.9987



98.9660, -48.7902, 15.8158



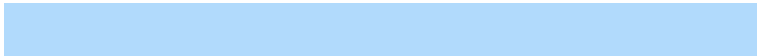
80.8950, -11.2872, -66.5599

Sweetspot

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



86.4090, 53.0424, -73.1497



209.6170, 20.8948, -28.6051



124.9210, -17.7091, -106.9247



101.9190, 12.8579, -17.4690



0.0000, 0.0000, 0.0000



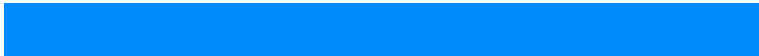
128.0000, 0.0000, 0.0000

Same Dimension

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



86.4090, 53.0424, -73.1497



110.3210, 69.8477, -96.7515



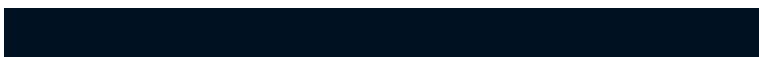
30.6440, 80.5345, -24.2438



91.6620, 2.6316, -4.0886



70.0100, 44.8581, -61.3988



14.3280, 9.2053, -12.5657

Inverse Universe

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



72.0790, 17.7091, 106.9247



91.1940, 23.5684, 141.0269



166.3560, -80.5345, 24.2438



90.6740, 1.1467, 5.5479



58.1710, 14.7057, 90.1810



11.9190, 2.9979, 18.4880

Previews

White Background



This preview shows how the YUV color 86.4090, 53.0424, -73.1497 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 86.4090, 53.0424, -73.1497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

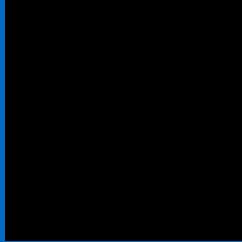
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.4090, 53.0424, -73.1497

Background



This preview shows how black text looks on a background with the YUV color 86.4090, 53.0424, -73.1497.



This preview shows how white text looks on a background with the YUV color 86.4090, 53.0424, -73.1497.

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

86.4090, 53.0424, -73.1497

Protanopia

102.4420, 43.1661, -31.9596

Deuteranopia

85.2840, 52.6110, -74.7941



Tritanopia

83.6300, 20.8884, -73.3435

Trichromacy



Original Color

86.4090, 53.0424, -73.1497

Protanomaly

96.2660, 46.7039, -46.7143

Deuteranomaly

85.6970, 52.9004, -74.2793

Tritanomaly

84.4310, 32.8185, -73.1690

Monochromacy



Original Color

86.4090, 53.0424, -73.1497

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1720, 19.1422, -26.4608

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.4090, 53.0424, -73.1497 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(3, 108, 194)` looks like.

```
.text, #text, p{  
    color:rgb(3, 108, 194)  
}
```

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(3, 108, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 108, 194) }
```

Border

The CSS property to change the border of an element to YUV 86.4090, 53.0424, -73.1497 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(3, 108, 194) }
```


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

```
.border{ border-color:rgb(3, 108, 194) }
```

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

Here you see how a box with a 4 pixel rgb(3, 108, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 108, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 108, 194);  
box-shadow:4px 4px 4px 4px rgb(3, 108,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 86.4090, 53.0424, -73.1497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 108, 194) }
```

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

```
.background{ background-color: rgb(3, 108,  
194) }
```

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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