

Converting Colors

YUV(96.3520, 59.4795,
-84.5007)

Have a look what the booklet for
YUV(96.3520, 59.4795, -84.5007)
contains.

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Color

**YUV(96.3520, 59.4795,
-84.5007)**

Conversions

Conversions Part 1

Format	Color
Hex	007AD9
RGB	0, 122, 217
RGB Percent	0%, 48%, 85%
CMY	1.0000, 0.5216, 0.1490
CMYK	1.00, 0.44, 0.00, 0.15
HSL	206°, 100%, 43%
HSV	206°, 100%, 85%
XYZ	19.4839, 18.9288, 68.2724
YIQ	96.3520, -103.2070, 3.6810

Conversions

Conversions Part 2

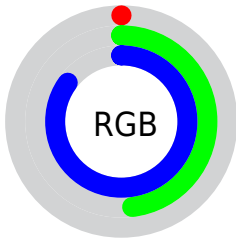
Format	Color
RYB	0, 78, 217
Decimal	31449
CIELab	50.60, 7.73, -56.35
CIElCh	51, 56.876, 277.811
Yxy	18.9288, 0.1826, 0.1774
Android (android.graphics.Color)	4278221529 (0xFF007AD9)
YUV	96.3520, 59.4795, -84.5007
Hunter-Lab	43.5073, 3.8002, -62.5838

Details

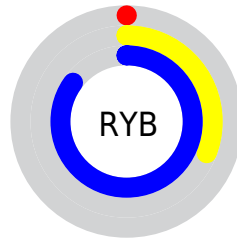
The YUV color **96.3520, 59.4795, -84.5007** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **120.6480, -59.4795, 84.5007**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.7060, 45.9939, -52.3622**, and **61.7920, 48.9095, -54.1916** is the 20% darker color. If you saturate the color by 10%, you get **96.3520, 59.4795, -84.5007**, and if you desaturate by 10%, it is **108.8000, 53.3426, -76.1236**.

Distribution



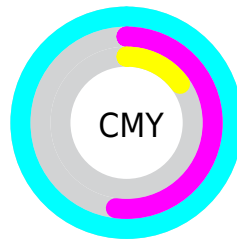
- Red (0%)
- Green (48%)
- Blue (85%)



- Red (0%)
- Yellow (31%)
- Blue (85%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (52%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.3520, 59.4795, -84.5007 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 96.3520, 59.4795, -84.5007 by changing the saturation by 10% instead.

■ 96.3520, 59.4795,
-84.5007

■ 96.3520, 59.4795,
-84.5007

255.0000, 0.0000,
0.0000

■ 79.0720, 54.1945,
-69.3461

■ 161.7060, 45.9939,
-52.3622

■ 61.7920, 48.9095,
-54.1916

■ 187.4220, 33.3160,
-45.9741

■ 46.5010, 43.6300,
-40.7814

■ 213.1270, 20.6434,
-41.3304

■ 31.7970, 38.0611,
-27.8860

■ 237.6580, 8.5496,
-35.6571

■ 13.6850, 34.6653,
-12.0017

■ 246.9270, 3.9800,
-16.5990

■ 10.3620, 24.4715,
-9.0875

■ 5.3920, 15.5827,

-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 96.3520, 59.4795,
-84.5007

■ 108.8000, 53.3426,
-76.1236

■ 120.3620, 47.6425,
-67.8465

■ 132.8100, 41.5057,
-59.4694

■ 144.6710, 35.6582,
-50.5775

■ 157.1190, 29.5213,
-42.2004

■ 168.6810, 23.8213,
-33.9232

■ 180.5420, 17.9738,
-25.0313

■ 192.9900, 11.8369,
-16.6542

■ 205.1390, 5.8475,
-8.8919

Harmonies

Analogous

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



103.1850, 52.6598, -90.4932



96.3520, 59.4795, -84.5007



123.7080, 36.6260, 12.5341

Triad

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



96.3520, 59.4795, -84.5007



116.2900, -26.2720, 73.4137



92.1150, -4.9867, -80.7849

Complementary

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



96.3520, 59.4795, -84.5007



120.6480, -59.4795, 84.5007

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.



106.6820, -34.8462, -23.4001



96.3520, 59.4795, -84.5007



115.9840, -45.8411, 50.0030

Square

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



96.3520, 59.4795, -84.5007



116.1100, -3.0122, 79.7105



111.0820, -54.7634, 18.3451



98.9890, 16.2744, -86.8134

Rectangle

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



96.3520, 59.4795, -84.5007



123.1160, 24.5928, 45.5023



111.0820, -54.7634, 18.3451



93.3030, -13.4604, -69.5487

Sweetspot

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



96.3520, 59.4795, -84.5007



212.9050, 20.7528, -29.7347



138.0950, -21.7388, -121.1093



101.9190, 12.8579, -17.4690



0.0000, 0.0000, 0.0000



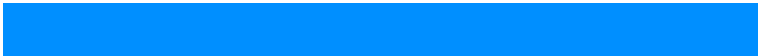
128.0000, 0.0000, 0.0000

Same Dimension

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



96.3520, 59.4795, -84.5007



113.0110, 70.0006, -99.1106



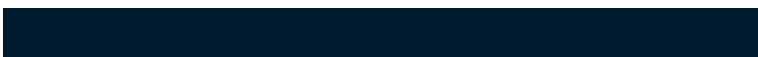
32.9560, 90.7337, -28.9024



103.7760, 3.0684, -4.1886



76.6610, 47.4951, -67.2317



20.5060, 12.5685, -17.9838

Inverse Universe

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



78.7910, 21.3020, 121.2093



92.5470, 24.8733, 142.4713



184.0440, -90.7337, 28.9024



102.9730, 0.9993, 6.1627



62.7850, 16.8680, 96.6586



16.7180, 4.5760, 25.6803

Previews

White Background



This preview shows how the YUV color 96.3520, 59.4795, -84.5007 looks on a white 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

Black Background



This preview shows how the YUV color 96.3520, 59.4795, -84.5007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

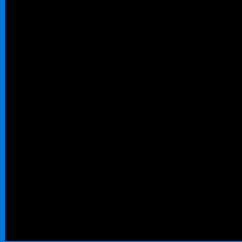
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 96.3520, 59.4795, -84.5007

Background



This preview shows how black text looks on a background with the YUV color 96.3520, 59.4795, -84.5007.



This preview shows how white text looks on a background with the YUV color 96.3520, 59.4795, -84.5007.

-84.5007.

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

96.3520, 59.4795, -84.5007

Protanopia

115.5710, 47.5395, -34.7038

Deuteranopia

96.3520, 59.4795, -84.5007



Tritanopia

94.2590, 23.5363, -82.6651

Trichromacy



Original Color

96.3520, 59.4795, -84.5007

Protanomaly

108.6010, 51.9617, -53.1471

Deuteranomaly

96.3520, 59.4795, -84.5007

Tritanomaly

94.9890, 36.4874, -83.3054

Monochromacy



Original Color

96.3520, 59.4795, -84.5007

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8340, 21.7738, -30.5494

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.3520, 59.4795, -84.5007 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(0, 122, 217)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 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(0, 122, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 217) }
```

Border

The CSS property to change the border of an element to YUV 96.3520, 59.4795, -84.5007 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(0, 122, 217) }
```


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

```
.border{ border-color:rgb(0, 122, 217) }
```

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

Here you see how a box with a 4 pixel rgb(0, 122, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 122, 217);  
box-shadow:4px 4px 4px 4px rgb(0, 122,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 96.3520, 59.4795, -84.5007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 122, 217) }
```

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

```
.background{ background-color: rgb(0, 122,  
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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