

Converting Colors

YUV(106.0410, 47.8008,
-71.9500)

Have a look what the booklet for
YUV(106.0410, 47.8008, -71.9500)
contains.

YUV(106.0410, 47.8008, -71.9500)	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(106.0410, 47.8008,
-71.9500)**

Conversions

Conversions Part 1

Format	Color
Hex	1881CB
RGB	24, 129, 203
RGB Percent	9%, 51%, 80%
CMY	0.9059, 0.4941, 0.2039
CMYK	0.88, 0.36, 0.00, 0.20
HSL	205°, 79%, 45%
HSV	205°, 88%, 80%
XYZ	19.0064, 20.2065, 59.3984
YIQ	106.0410, -86.3340, 0.7540

Conversions

Conversions Part 2

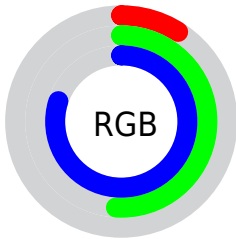
Format	Color
R_{YB}	24, 90, 203
Decimal	1606091
CIE _{Lab}	52.07, -1.02, -46.06
CIE _{LCh}	52, 46.068, 268.734
Yxy	20.2065, 0.1927, 0.2049
Android (android.graphics.Color)	4279796171 (0xFF1881CB)
YUV	106.0410, 47.8008, -71.9500
Hunter-Lab	44.9516, -3.1921, -46.8787

Details

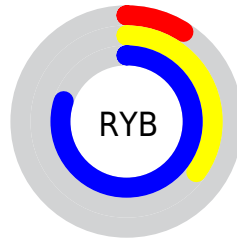
The YUV color **106.0410, 47.8008, -71.9500** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **120.9590, -47.8008, 71.9500**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.4130, 43.6734, -54.7362**, and **63.8320, 41.4948, -55.9807** is the 20% darker color. If you saturate the color by 10%, you get **95.3650, 53.0641, -80.1271**, and if you desaturate by 10%, it is **116.7170, 42.5375, -63.7728**.

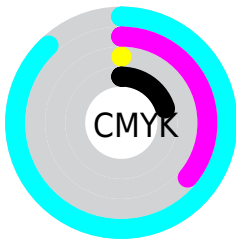
Distribution



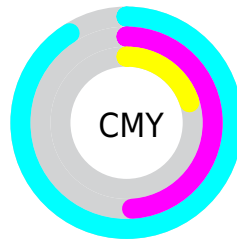
- Red (9%)
- Green (51%)
- Blue (80%)



- Red (9%)
- Yellow (35%)
- Blue (80%)



- Cyan (88%)
- Magenta (36%)
- Yellow (0%)
- Black (20%)



- Cyan (91%)
- Magenta (49%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.0410, 47.8008, -71.9500 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 106.0410, 47.8008, -71.9500 by changing the saturation by 10% instead.

■ 106.0410, 47.8008,
-71.9500

■ 106.0410, 47.8008,
-71.9500

■ 255.0000, 0.0000,
0.0000

■ 80.9980, 46.3430,
-71.0352

■ 166.4130, 43.6734,
-54.7362

■ 63.8320, 41.4948,
-55.9807

■ 192.1180, 31.0008,
-50.0925

■ 47.9540, 36.5047,
-42.0557

■ 217.8230, 18.3283,
-45.4488

■ 32.7770, 31.6619,
-28.7454

■ 237.3590, 8.6970,
-36.2718

■ 17.7140, 27.2560,
-15.5352

■ 246.3290, 4.2748,
-17.8285

■ 7.9340, 20.2455,
-6.9581

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 106.0410, 47.8008,
-71.9500

■ 106.0410, 47.8008,
-71.9500

■ 95.3650, 53.0641,
-80.1271

■ 116.7170, 42.5375,
-63.7728

■ 92.9950, 54.2325,
-81.5566

■ 128.2790, 36.8375,
-55.4957

■ 138.9550, 31.5742,
-47.3185

■ 150.2180, 26.0215,
-39.6562

■ 161.1930, 20.6109,
-30.8643

■ 171.8690, 15.3476,
-22.6871

■ 183.1320, 9.7949,
-15.0248

■ 193.8080, 4.5317,
-6.8476

■ 205.3700, -1.1684,
1.4295

Harmonies

Analogous

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



103.3670, 43.2031, -90.6529



106.0410, 47.8008, -71.9500



125.8110, 33.6172, -2.4652

Triad

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



106.0410, 47.8008, -71.9500



122.9280, -17.2195, 63.2071



107.8590, -13.2415, -46.3573

Complementary

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



106.0410, 47.8008, -71.9500



120.9590, -47.8008, 71.9500

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.



116.1770, -32.1323, -7.1712



106.0410, 47.8008, -71.9500



122.5290, -32.3058, 48.6481

Square

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



106.0410, 47.8008, -71.9500



124.7270, 1.1206, 60.7524



120.2410, -39.0658, 23.4676



97.7350, 11.4696, -85.7136

Rectangle

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



106.0410, 47.8008, -71.9500



128.4680, 23.9263, 25.8996



120.2410, -39.0658, 23.4676



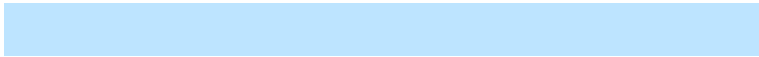
111.7100, -20.5630, -31.3177

Sweetspot

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



106.0410, 47.8008, -71.9500



219.4170, 17.5424, -26.6757



137.2810, -20.3515, -99.3474



106.0610, 10.8159, -15.8395



0.0000, 0.0000, 0.0000



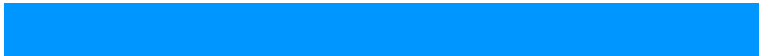
128.0000, 0.0000, 0.0000

Same Dimension

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



106.0410, 47.8008, -71.9500



117.1200, 67.9748, -102.7142



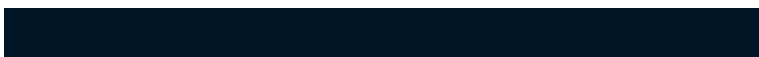
54.9720, 72.9778, -27.1624



96.6620, 2.6316, -4.0886



75.8630, 44.4375, -66.5319



17.2460, 10.2317, -15.1247

Inverse Universe

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



89.4910, 19.4779, 99.5474



93.3450, 27.9309, 141.7714



172.0280, -72.9778, 27.1624



95.6740, 1.1467, 5.5479



60.6920, 17.8998, 92.3551



13.8700, 4.0081, 21.1620

Previews

White Background



This preview shows how the YUV color 106.0410, 47.8008, -71.9500 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 106.0410, 47.8008, -71.9500 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 106.0410, 47.8008, -71.9500 Background



This preview shows how black text looks on a background with the YUV color 106.0410, 47.8008, -71.9500.



This preview shows how white text looks on a background with the YUV color 106.0410, 47.8008, -71.9500.

-71.9500.

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

106.0410, 47.8008, -71.9500

Protanopia

121.7760, 36.5924, -23.4826

Deuteranopia

117.2730, 42.7564, -40.5814



Tritanopia

97.1770, 24.5627, -85.2242

Trichromacy



Original Color

106.0410, 47.8008, -71.9500

Protanomaly

116.1050, 40.8672, -41.3111

Deuteranomaly

113.3640, 44.6835, -52.0622

Tritanomaly

100.3870, 32.8402, -80.1464

Monochromacy



Original Color

106.0410, 47.8008, -71.9500

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.7160, 17.3950, -26.0609

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.0410, 47.8008, -71.9500 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(24, 129, 203)` looks like.

```
.text, #text, p{  
    color:rgb(24, 129, 203)  
}
```

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(24, 129, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 129, 203) }
```

Border

The CSS property to change the border of an element to YUV 106.0410, 47.8008, -71.9500 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(24, 129, 203) }
```


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

```
.border{ border-color:rgb(24, 129, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 129, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 129, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 129, 203);  
box-shadow:4px 4px 4px 4px rgb(24, 129,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 106.0410, 47.8008, -71.9500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 129, 203) }
```

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

```
.background{ background-color: rgb(24, 129,  
203) }
```

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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