

Converting Colors

YUV(108.0080, 47.8171,
-77.1830)

Have a look what the booklet for
YUV(108.0080, 47.8171, -77.1830)
contains.

YUV(108.0080, 47.8171, -77.1830)	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(108.0080, 47.8171,
-77.1830)**

Conversions

Conversions Part 1

Format	Color
Hex	1486CD
RGB	20, 134, 205
RGB Percent	8%, 53%, 80%
CMY	0.9216, 0.4745, 0.1961
CMYK	0.90, 0.35, 0.00, 0.20
HSL	203°, 82%, 44%
HSV	203°, 90%, 80%
XYZ	19.8330, 21.6067, 60.8828
YIQ	108.0080, -90.7350, -2.0870

Conversions

Conversions Part 2

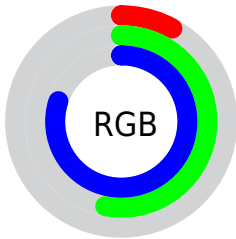
Format	Color
R_{YB}	20, 91, 205
Decimal	1345229
CIE _{Lab}	53.61, -3.47, -44.76
CIE _{LCh}	54, 44.890, 265.572
Yxy	21.6067, 0.1938, 0.2112
Android (android.graphics.Color)	4279535309 (0xFF1486CD)
YUV	108.0080, 47.8171, -77.1830
Hunter-Lab	46.4830, -5.1842, -45.1191

Details

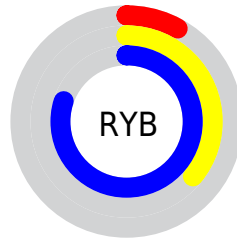
The YUV color **108.0080, 47.8171, -77.1830** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **116.9920, -47.8171, 77.1830**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.6360, 42.0845, -58.4398**, and **66.9950, 40.9215, -58.7546** is the 20% darker color. If you saturate the color by 10%, you get **97.3320, 53.0803, -85.3602**, and if you desaturate by 10%, it is **118.6840, 42.5538, -69.0059**.

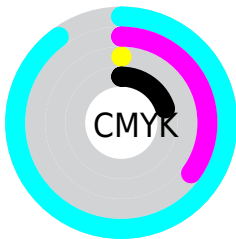
Distribution



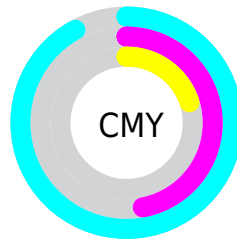
- Red (8%)
- Green (53%)
- Blue (80%)



- Red (8%)
- Yellow (36%)
- Blue (80%)



- Cyan (90%)
- Magenta (35%)
- Yellow (0%)
- Black (20%)



- Cyan (92%)
- Magenta (47%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.0080, 47.8171, -77.1830 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 108.0080, 47.8171, -77.1830 by changing the saturation by 10% instead.

■ 108.0080, 47.8171,
-77.1830

■ 108.0080, 47.8171,
-77.1830

■ 255.0000, 0.0000,
0.0000

■ 84.1610, 45.7696,
-73.8092

■ 169.6360, 42.0845,
-58.4398

■ 66.9950, 40.9215,
-58.7546

■ 195.0530, 29.5539,
-52.6665

■ 50.5300, 36.2207,
-44.3148

■ 221.0460, 16.7393,
-49.1523

■ 35.3530, 31.3780,
-31.0046

■ 237.3590, 8.6970,
-36.2718

■ 20.7630, 26.2458,
-18.2092

■ 246.3290, 4.2748,
-17.8285

■ 8.1620, 21.1191,
-7.1581

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 108.0080, 47.8171,
-77.1830

■ 108.0080, 47.8171,
-77.1830

■ 97.3320, 53.0803,
-85.3602

■ 118.6840, 42.5538,
-69.0059

■ 129.6590, 37.1431,
-60.2139

■ 140.3350, 31.8798,
-52.0368

■ 150.7230, 26.7586,
-42.7301

■ 161.3990, 21.4953,
-34.5529

■ 172.3740, 16.0846,
-25.7610

■ 183.0500, 10.8213,
-17.5839

■ 194.0250, 5.4107,
-8.7919

■ 205.0000, 0.0000,
0.0000

Harmonies

Analogous

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



105.7150, 42.0455, -92.7121



108.0080, 47.8171, -77.1830



129.1910, 33.9228, -7.1835

Triad

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



108.0080, 47.8171, -77.1830



127.4980, -15.0355, 62.7073



113.7350, -15.1524, -40.1096

Complementary

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



108.0080, 47.8171, -77.1830



116.9920, -47.8171, 77.1830

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.



121.0850, -32.5799, -3.5825



108.0080, 47.8171, -77.1830



126.9960, -30.5640, 49.9925

Square

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



108.0080, 47.8171, -77.1830



129.7590, 2.5838, 58.0934



124.6050, -37.7663, 26.6564



100.0830, 10.3121, -87.7728

Rectangle

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



108.0080, 47.8171, -77.1830



132.0760, 25.1055, 20.9813



124.6050, -37.7663, 26.6564



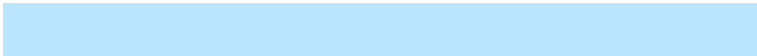
116.9880, -22.1791, -26.2995

Sweetspot

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



108.0080, 47.8171, -77.1830



219.1070, 17.6952, -29.0348



136.6890, -22.5247, -102.3363



106.3490, 10.6739, -16.9691



0.0000, 0.0000, 0.0000



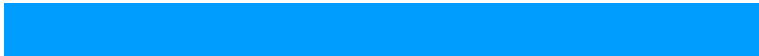
128.0000, 0.0000, 0.0000

Same Dimension

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



108.0080, 47.8171, -77.1830



121.2290, 65.9491, -106.3178



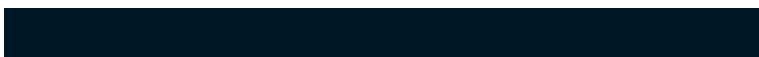
54.0040, 74.4410, -29.8215



96.6620, 2.6316, -4.0886



78.7980, 42.9906, -69.1058



18.4200, 9.6529, -16.1543

Inverse Universe

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



88.3110, 22.5247, 102.3363



94.1430, 30.9885, 141.0716



170.9960, -74.4410, 29.8215



95.6740, 1.1467, 5.5479



61.2620, 20.0838, 91.8552



14.0980, 4.8817, 20.9621

Previews

White Background



This preview shows how the YUV color 108.0080, 47.8171, -77.1830 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 108.0080, 47.8171, -77.1830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

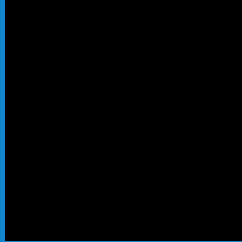
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 108.0080, 47.8171, -77.1830

Background



This preview shows how black text looks on a background with the YUV color 108.0080, 47.8171, -77.1830.

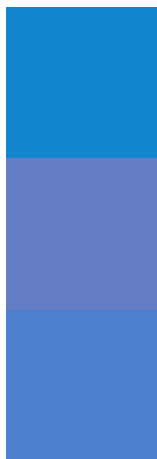


This preview shows how white text looks on a background with the YUV color 108.0080, 47.8171, -77.1830.

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

108.0080, 47.8171, -77.1830

Protanopia

126.0320, 34.9872, -21.9531

Deuteranopia

122.3550, 41.7300, -38.0223



Tritanopia

100.6820, 25.2998, -88.2981

Trichromacy



Original Color

108.0080, 47.8171, -77.1830

Protanomaly

119.4640, 39.7042, -41.6259

Deuteranomaly

117.1360, 43.8100, -51.8623

Tritanomaly

103.1800, 33.4353, -84.3499

Monochromacy



Original Color

108.0080, 47.8171, -77.1830

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.7050, 17.4004, -27.8053

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.0080, 47.8171, -77.1830 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(20, 134, 205)` looks like.

```
.text, #text, p{  
    color:rgb(20, 134, 205)  
}
```

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(20, 134, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 134, 205) }
```

Border

The CSS property to change the border of an element to YUV 108.0080, 47.8171, -77.1830 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(20, 134, 205) }
```


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

```
.border{ border-color:rgb(20, 134, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 134, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 134, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 134, 205);  
box-shadow:4px 4px 4px 4px rgb(20, 134,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 108.0080, 47.8171, -77.1830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 134, 205) }
```

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

```
.background{ background-color: rgb(20, 134,  
205) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor