

Converting Colors

YUV(108.7820, 37.0825,
-87.5088)

Have a look what the booklet for
YUV(108.7820, 37.0825, -87.5088)
contains.

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Color

**YUV(108.7820, 37.0825,
-87.5088)**

Conversions

Conversions Part 1

Format	Color
Hex	0991B8
RGB	9, 145, 184
RGB Percent	4%, 57%, 72%
CMY	0.9647, 0.4314, 0.2784
CMYK	0.95, 0.21, 0.00, 0.28
HSL	193°, 91%, 38%
HSV	193°, 95%, 72%
XYZ	18.8898, 23.7696, 48.9398
YIQ	108.7820, -93.5750, -16.7030

Conversions

Conversions Part 2

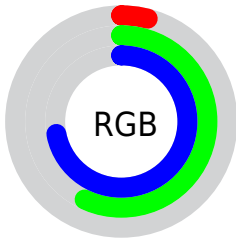
Format	Color
R_{YB}	9, 86, 184
Decimal	627128
CIE _{Lab}	55.86, -17.94, -29.31
CIE _{LCh}	56, 34.365, 238.534
Yxy	23.7696, 0.2062, 0.2595
Android (android.graphics.Color)	4278817208 (0xFF0991B8)
YUV	108.7820, 37.0825, -87.5088
Hunter-Lab	48.7540, -16.1596, -25.3881

Details

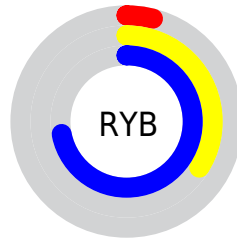
The YUV color **108.7820, 37.0825, -87.5088** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **84.2180, -37.0825, 87.5088**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.1760, 32.9442, -66.8064**, and **70.1120, 30.0178, -61.4882** is the 20% darker color. If you saturate the color by 10%, you get **104.9170, 38.9879, -92.0122**, and if you desaturate by 10%, it is **116.5120, 33.2716, -78.5020**.

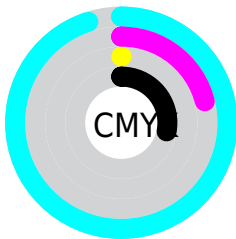
Distribution



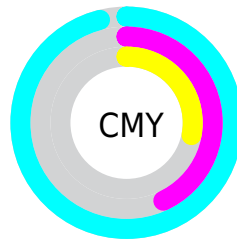
- Red (4%)
- Green (57%)
- Blue (72%)



- Red (4%)
- Yellow (34%)
- Blue (72%)



- Cyan (95%)
- Magenta (21%)
- Yellow (0%)
- Black (28%)



- Cyan (96%)
- Magenta (43%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.7820, 37.0825, -87.5088 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 108.7820, 37.0825, -87.5088 by changing the saturation by 10% instead.

■ 108.7820, 37.0825,
-87.5088

■ 108.7820, 37.0825,
-87.5088

■ 255.0000, 0.0000,
0.0000

■ 87.7510, 34.1398,
-76.9576

■ 173.1760, 32.9442,
-66.8064

■ 70.1120, 30.0178,
-61.4882

■ 200.5910, 26.8236,
-63.6623

■ 53.6470, 25.3170,
-47.0484

■ 225.9970, 14.2985,
-59.6334

■ 37.4100, 21.4899,
-32.8086

■ 234.9670, 9.8763,
-41.1901

■ 23.6350, 16.9419,
-20.7279

■ 243.9370, 5.4541,
-22.7467

■ 5.2780, 15.1459,
-4.6288

■ 253.2060, 0.8844,

■ 1.3680, 5.2416,

-3.6887

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 108.7820, 37.0825,
-87.5088

■ 108.7820, 37.0825,
-87.5088

■ 104.9170, 38.9879,
-92.0122

■ 116.5120, 33.2716,
-78.5020

■ 124.5410, 29.3133,
-68.8805

■ 132.2710, 25.5024,
-59.8737

■ 140.3000, 21.5441,
-50.2521

■ 148.6170, 17.4438,
-41.7601

■ 156.3470, 13.6329,
-32.7533

■ 164.3760, 9.6746,
-23.1318

■ 172.1060, 5.8637,
-14.1250

■ 180.1350, 1.9054,
-4.5034

Harmonies

Analogous

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



105.8170, 27.2052, -92.8015



108.7820, 37.0825, -87.5088



127.8360, 32.1259, -37.5672

Triad

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



108.7820, 37.0825, -87.5088



136.6990, 0.1484, 45.8680



128.9630, -24.1388, -4.3526

Complementary

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



108.7820, 37.0825, -87.5088



84.2180, -37.0825, 87.5088

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.



131.8520, -29.0140, 19.4238



108.7820, 37.0825, -87.5088



135.0510, -13.8291, 49.0673

Square

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



108.7820, 37.0825, -87.5088



137.7320, 13.4431, 28.2990



133.8250, -24.5637, 38.7415



124.2290, -10.9589, -31.7728

Rectangle

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



108.7820, 37.0825, -87.5088



133.8500, 27.6820, -12.1464



133.8250, -24.5637, 38.7415



129.7360, -26.4918, 3.7395

Sweetspot

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



108.7820, 37.0825, -87.5088



209.6780, 14.9487, -34.7976



116.0570, -34.0451, -93.8890



102.1590, 8.7956, -21.1874



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



108.7820, 37.0825, -87.5088



136.5420, 51.0048, -119.7473



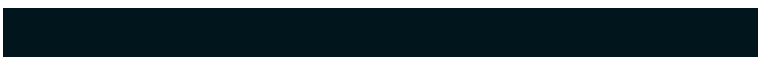
58.3000, 61.9701, -43.2361



88.1350, 1.9054, -4.5034



88.8110, 33.1242, -77.8872



16.1060, 5.8637, -14.1250

Inverse Universe

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



76.8290, 33.6083, 93.9890



92.9640, 45.8667, 128.9506



134.7000, -61.9701, 43.2361



86.4890, 1.7309, 4.8331



60.4380, 29.8571, 83.8079



10.8800, 5.4822, 15.0142

Previews

White Background



This preview shows how the YUV color 108.7820, 37.0825, -87.5088 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 108.7820, 37.0825, -87.5088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

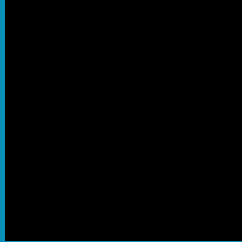
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 108.7820, 37.0825, -87.5088

Background



This preview shows how black text looks on a background with the YUV color 108.7820, 37.0825, -87.5088.

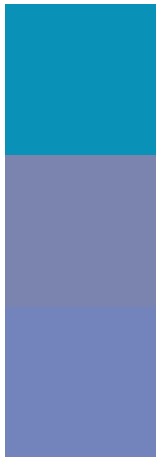


This preview shows how white text looks on a background with the YUV color 108.7820, 37.0825, -87.5088.

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

108.7820, 37.0825, -87.5088

Protanopia

133.7980, 19.8196, -10.3468

Deuteranopia

132.8880, 26.6772, -16.5648



Tritanopia

105.0020, 26.6210, -92.0868

Trichromacy



Original Color

108.7820, 37.0825, -87.5088

Protanomaly

124.9300, 26.1635, -38.5266

Deuteranomaly

124.3470, 30.3949, -42.4003

Tritanomaly

106.3380, 30.3994, -90.6274

Monochromacy



Original Color

108.7820, 37.0825, -87.5088

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.9450, 13.3381, -31.5238

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.7820, 37.0825, -87.5088 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(9, 145, 184)` looks like.

```
.text, #text, p{  
    color:rgb(9, 145, 184)  
}
```

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(9, 145, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 145, 184) }
```

Border

The CSS property to change the border of an element to YUV 108.7820, 37.0825, -87.5088 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(9, 145, 184) }
```


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

```
.border{ border-color:rgb(9, 145, 184) }
```

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

Here you see how a box with a 4 pixel rgb(9, 145, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 145, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 145, 184);  
box-shadow:4px 4px 4px 4px rgb(9, 145,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 108.7820, 37.0825, -87.5088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 145, 184) }
```

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

```
.background{ background-color: rgb(9, 145,  
184) }
```

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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