

Converting Colors

YUV(108.4260, 37.2580,
-50.3626)

Have a look what the booklet for
YUV(108.4260, 37.2580, -50.3626)
contains.

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Color

**YUV(108.4260, 37.2580,
-50.3626)**

Conversions

Conversions Part 1

Format	Color
Hex	337BB8
RGB	51, 123, 184
RGB Percent	20%, 48%, 72%
CMY	0.8000, 0.5176, 0.2784
CMYK	0.72, 0.33, 0.00, 0.28
HSL	208°, 57%, 46%
HSV	208°, 72%, 72%
XYZ	17.0999, 18.3304, 47.9843
YIQ	108.4260, -62.4930, 3.7070

Conversions

Conversions Part 2

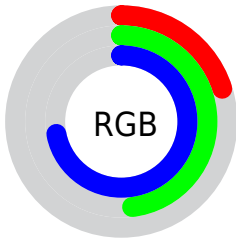
Format	Color
RYB	51, 98, 184
Decimal	3374008
CIELab	49.89, -1.76, -38.59
CIELCh	50, 38.627, 267.383
Yxy	18.3304, 0.2050, 0.2198
Android (android.graphics.Color)	4281564088 (0xFF337BB8)
YUV	108.4260, 37.2580, -50.3626
Hunter-Lab	42.8140, -3.6317, -36.4800

Details

The YUV color **108.4260, 37.2580, -50.3626** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **126.5740, -37.2580, 50.3626**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1710, 37.3837, -44.0000**, and **58.9590, 35.5162, -51.7070** is the 20% darker color. If you saturate the color by 10%, you get **98.3480, 42.2264, -57.3102**, and if you desaturate by 10%, it is **118.5040, 32.2895, -43.4150**.

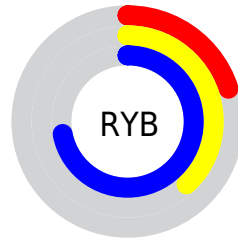
Distribution



Red (20%)

Green (48%)

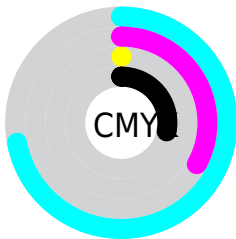
Blue (72%)



Red (20%)

Yellow (38%)

Blue (72%)

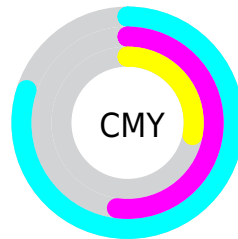


Cyan (72%)

Magenta (33%)

Yellow (0%)

Black (28%)



Cyan (80%)

Magenta (52%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.4260, 37.2580, -50.3626 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 108.4260, 37.2580, -50.3626 by changing the saturation by 10% instead.

■ 108.4260, 37.2580,
-50.3626

■ 108.4260, 37.2580,
-50.3626

■ 255.0000, 0.0000,
0.0000

■ 75.4240, 40.2170,
-66.1468

■ 164.1710, 37.3837,
-44.0000

■ 58.9590, 35.5162,
-51.7070

■ 190.9880, 31.5579,
-42.0855

■ 42.4940, 30.8155,
-37.2672

■ 216.0950, 19.1802,
-38.6713

■ 27.9040, 25.6833,
-24.4718

■ 238.8540, 7.9600,
-33.1980

■ 9.4330, 23.4505,
-8.2727

■ 247.8240, 3.5378,
-14.7546

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 108.4260, 37.2580,
-50.3626

■ 108.4260, 37.2580,
-50.3626

■ 98.3480, 42.2264,
-57.3102

■ 118.5040, 32.2895,
-43.4150

■ 87.3840, 47.6317,
-64.3578

■ 129.4680, 26.8843,
-36.3674

■ 79.6760, 51.4317,
-69.8759

■ 139.5460, 21.9158,
-29.4198

■ 150.5100, 16.5106,
-22.3723

■ 160.5880, 11.5421,
-15.4247

■ 171.2530, 6.2843,
-8.9919

■ 181.6300, 1.1684,
-1.4295

■ 192.2950, -4.0894,
5.0033

■ 202.6720, -9.2053,
12.5657

Harmonies

Analogous

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



96.6190, 37.6558, -84.7349



108.4260, 37.2580, -50.3626



120.0190, 28.0916, -3.5247

Triad

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



108.4260, 37.2580, -50.3626



118.9590, -14.2768, 52.6560



106.8650, -12.2584, -34.9616

Complementary

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



108.4260, 37.2580, -50.3626



126.5740, -37.2580, 50.3626

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.



112.8660, -27.0489, -4.2675



108.4260, 37.2580, -50.3626



117.9780, -26.6112, 42.1153

Square

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



108.4260, 37.2580, -50.3626



120.3620, 1.3005, 49.6715



116.0650, -32.0770, 21.8680



92.3550, 11.1640, -80.9953

Rectangle

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



108.4260, 37.2580, -50.3626



122.3980, 20.0168, 19.8220



116.0650, -32.0770, 21.8680



109.1500, -17.8220, -23.8106

Sweetspot

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



108.4260, 37.2580, -50.3626



210.0650, 14.7580, -20.2280



135.9110, -12.2811, -74.4669



102.5130, 8.6211, -11.8509



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.



108.4260, 37.2580, -50.3626



121.1570, 58.5896, -79.0677



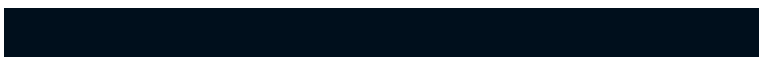
70.2710, 56.0684, -16.9007



86.9610, 2.4842, -3.4738



67.0920, 43.8316, -58.8397



11.9970, 7.8895, -10.5214

Inverse Universe

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



98.9750, 11.8443, 74.5669



106.3730, 18.5501, 117.1909



164.7290, -56.0684, 16.9007



86.2610, 0.8573, 5.0331



56.2200, 13.6955, 87.5071



10.0820, 2.4246, 15.7141

Previews

White Background



This preview shows how the YUV color 108.4260, 37.2580, -50.3626 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 108.4260, 37.2580, -50.3626 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 108.4260, 37.2580, -50.3626

Background



This preview shows how black text looks on a background with the YUV color 108.4260, 37.2580, -50.3626.

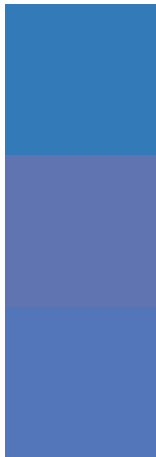


This preview shows how white text looks on a background with the YUV color 108.4260, 37.2580, -50.3626.

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

108.4260, 37.2580, -50.3626

Protanopia

117.0880, 30.0296, -18.4942

Deuteranopia

114.8740, 34.5721, -28.8305



Tritanopia

93.0850, 24.1151, -81.6355

Trichromacy



Original Color

108.4260, 37.2580, -50.3626

Protanomaly

114.2930, 32.3936, -30.0750

Deuteranomaly

112.7590, 35.6148, -36.6226

Tritanomaly

98.7150, 28.7345, -69.9101

Monochromacy



Original Color

108.4260, 37.2580, -50.3626

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.8480, 13.8789, -18.2837

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.4260, 37.2580, -50.3626 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(51, 123, 184)` looks like.

```
.text, #text, p{  
    color:rgb(51, 123, 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(51, 123, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 123, 184) }
```

Border

The CSS property to change the border of an element to YUV 108.4260, 37.2580, -50.3626 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(51, 123, 184) }
```


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

```
.border{ border-color:rgb(51, 123, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 123, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 123, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 123, 184);  
box-shadow:4px 4px 4px 4px rgb(51, 123,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 108.4260, 37.2580, -50.3626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 123, 184) }
```

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

```
.background{ background-color: rgb(51, 123,  
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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