

Converting Colors

YUV(108.0510, -4.4621,
-62.3117)

Have a look what the booklet for
YUV(108.0510, -4.4621, -62.3117)
contains.

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Color

**YUV(108.0510, -4.4621,
-62.3117)**

Conversions

Conversions Part 1

Format	Color
Hex	259263
RGB	37, 146, 99
RGB Percent	15%, 57%, 39%
CMY	0.8549, 0.4275, 0.6118
CMYK	0.75, 0.00, 0.32, 0.43
HSL	154°, 60%, 36%
HSV	154°, 75%, 57%
XYZ	13.2940, 21.8519, 15.3216
YIQ	108.0510, -49.8770, -37.7250

Conversions

Conversions Part 2

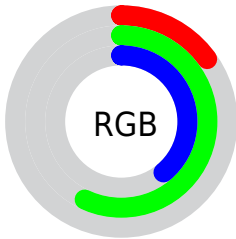
Format	Color
R_{YB}	37, 106, 146
Decimal	2462307
CIE _{Lab}	53.87, -41.62, 16.44
CIE _{LCh}	54, 44.748, 158.448
Yxy	21.8519, 0.2634, 0.4330
Android (android.graphics.Color)	4280652387 (0xFF259263)
YUV	108.0510, -4.4621, -62.3117
Hunter-Lab	46.7461, -31.0425, 13.2893

Details

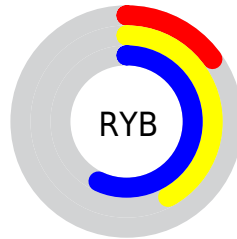
The YUV color **108.0510, -4.4621, -62.3117** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **74.9490, 4.4621, 62.3117**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.3890, -7.0938, -58.2232**, and **61.1060, -4.4893, -53.5900** is the 20% darker color. If you saturate the color by 10%, you get **102.8820, -4.8718, -70.9335**, and if you desaturate by 10%, it is **113.2200, -4.0525, -53.6899**.

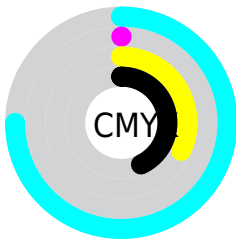
Distribution



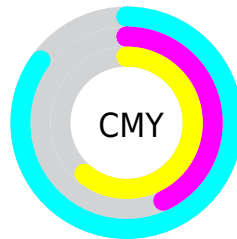
- Red (15%)
- Green (57%)
- Blue (39%)



- Red (15%)
- Yellow (42%)
- Blue (57%)



- Cyan (75%)
- Magenta (0%)
- Yellow (32%)
- Black (43%)





- Cyan (85%)
- Magenta (43%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.0510, -4.4621, -62.3117 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 108.0510, -4.4621, -62.3117 by changing the saturation by 10% instead.


 108.0510, -4.4621,
-62.3117

 108.0510, -4.4621,
-62.3117


255.0000, 0.0000,
0.0000

 78.9900, -1.9671,
-69.2742


 164.3890, -7.0938,
-58.2232

 61.1060, -4.4893,
-53.5900


 192.5740, -7.6780,
-57.5084

 44.5100, -7.1534,
-39.0353

 219.2860, -7.5360,
-56.3788

 28.5010, -10.1070,
-24.9954

 231.1490, 0.4195,
-41.3497

 12.9140, -6.3666,
-11.3256

 242.4420, 6.1911,
-25.8206

 0.0000, 0.0000,
0.0000

 251.1130, 1.9163,

-7.9921

■ 108.0510, -4.4621,
-62.3117

■ 108.0510, -4.4621,
-62.3117

■ 102.8820, -4.8718,
-70.9335

■ 113.2200, -4.0525,
-53.6899

■ 97.8980, -5.8657,
-78.8405

■ 118.2040, -3.0586,
-45.7829

■ 95.1640, -5.9969,
-83.4588

■ 123.3730, -2.6489,
-37.1611

■ 128.2430, -2.0918,
-29.1541

■ 133.4120, -1.6821,
-20.5323

■ 138.6950, -0.8356,
-12.0105

■ 143.5650, -0.2785,
-4.0035

■ 148.7340, 0.1311,
4.6183

■ 153.7180, 1.1250,
12.5253

Harmonies

Analogous

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



119.3050, -26.2794, -17.8075



108.0510, -4.4621, -62.3117



102.7220, 17.8851, -90.0872

Triad

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



108.0510, -4.4621, -62.3117



122.7140, 40.5670, -38.3372



128.2280, -22.2974, 58.5590

Complementary

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



108.0510, -4.4621, -62.3117



74.9490, 4.4621, 62.3117

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.



129.1310, -4.9946, 62.1521



108.0510, -4.4621, -62.3117



132.1180, 28.0428, 12.1745

Square

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



108.0510, -4.4621, -62.3117



104.9800, 46.8449, -92.0675



132.0270, 12.8047, 46.4573



126.7900, -34.8995, 40.5262

Rectangle

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



108.0510, -4.4621, -62.3117



104.9850, 29.0944, -92.0718



132.0270, 12.8047, 46.4573



128.3300, -16.9247, 61.9776

Sweetspot

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



108.0510, -4.4621, -62.3117



174.3900, -1.6713, -24.0210



115.0360, -38.4717, -27.2186



85.6840, -0.8302, -13.7549



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



108.0510, -4.4621, -62.3117



129.7340, -7.2639, -97.1137



109.3000, 18.0931, -63.4071



71.5650, -0.2785, -4.0035



89.8980, -5.8657, -78.8405



6.5540, -0.2731, -5.7479

Inverse Universe

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



74.9490, 4.4621, 62.3117



78.1520, 6.8271, 97.2137



73.7000, -18.0931, 63.4071



69.4350, 0.2785, 4.0035



47.9880, 5.4289, 78.9405



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 108.0510, -4.4621, -62.3117 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 108.0510, -4.4621, -62.3117 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 108.0510, -4.4621, -62.3117

Background



This preview shows how black text looks on a background with the YUV color 108.0510, -4.4621, -62.3117.



This preview shows how white text looks on a background with the YUV color 108.0510, -4.4621, -62.3117.

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

108.0510, -4.4621, -62.3117

Protanopia

126.7720, -17.6356, 9.8470

Deuteranopia

128.3090, -11.9843, 17.2690



Tritanopia

117.3340, 16.5973, -50.2819

Trichromacy



Original Color

108.0510, -4.4621, -62.3117

Protanomaly

120.1600, -12.8969, -16.8033

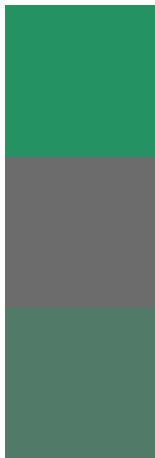
Deuteranomaly

120.8170, -9.2768, -11.2405

Tritanomaly

113.9500, 8.8986, -54.3302

Monochromacy



Original Color

108.0510, -4.4621, -62.3117

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.1020, -1.5293, -22.8915

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.0510, -4.4621, -62.3117 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(37, 146, 99)` looks like.

```
.text, #text, p{  
    color:rgb(37, 146, 99)  
}
```

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(37, 146, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 146, 99) }
```

Border

The CSS property to change the border of an element to YUV 108.0510, -4.4621, -62.3117 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(37, 146, 99) }
```


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

```
.border{ border-color:rgb(37, 146, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 146, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 146, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 146, 99);  
box-shadow:4px 4px 4px 4px rgb(37, 146,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 108.0510, -4.4621, -62.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 146, 99) }
```

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

```
.background{ background-color: rgb(37, 146,  
99) }
```

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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