

Converting Colors

YUV(107.2000, 29.9744,
-47.5334)

Have a look what the booklet for
YUV(107.2000, 29.9744, -47.5334)
contains.

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Color

**YUV(107.2000, 29.9744,
-47.5334)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 357BA8 |
| RGB | 53, 123, 168 |
| RGB Percent | 21%, 48%, 66% |
| CMY | 0.7922, 0.5176, 0.3412 |
| CMYK | 0.68, 0.27, 0.00, 0.34 |
| HSL | 203°, 52%, 43% |
| HSV | 203°, 68%, 66% |
| XYZ | 15.6190, 17.7500, 39.6487 |
| YIQ | 107.2000, -56.1650, -0.8450 |

Conversions

Conversions Part 2

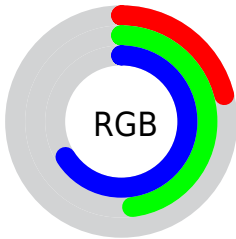
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 53, 97, 168 |
| Decimal | 3505064 |
| CIELab | 49.19, -7.13, -30.42 |
| CIELCh | 49, 31.244, 256.811 |
| Yxy | 17.7500, 0.2139, 0.2431 |
| Android (android.graphics.Color) | 4281695144 (0xFF357BA8) |
| YUV | 107.2000, 29.9744, -47.5334 |
| Hunter-Lab | 42.1307, -7.5537, -26.3056 |

Details

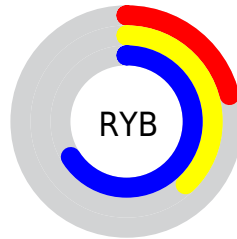
The YUV color **107.2000, 29.9744, -47.5334** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **113.8000, -29.9744, 47.5334**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.6350, 30.2529, -43.5299**, and **56.6620, 29.2536, -49.6926** is the 20% darker color. If you saturate the color by 10%, you get **98.0080, 34.5061, -54.3810**, and if you desaturate by 10%, it is **116.3920, 25.4427, -40.6858**.

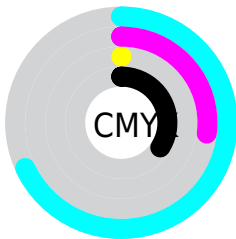
Distribution



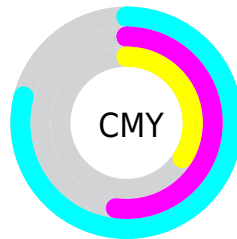
- Red (21%)
- Green (48%)
- Blue (66%)



- Red (21%)
- Yellow (38%)
- Blue (66%)



- Cyan (68%)
- Magenta (27%)
- Yellow (0%)
- Black (34%)



- Cyan (79%)
- Magenta (52%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.2000, 29.9744, -47.5334 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 107.2000, 29.9744, -47.5334 by changing the saturation by 10% instead.

■ 107.2000, 29.9744,
-47.5334

■ 107.2000, 29.9744,
-47.5334

■ 255.0000, 0.0000,
0.0000

■ 76.2910, 31.9015,
-59.0142

■ 161.6350, 30.2529,
-43.5299

■ 56.6620, 29.2536,
-49.6926

■ 190.0480, 30.5423,
-43.0151

■ 40.8980, 24.7003,
-35.8675

■ 215.1980, 19.6224,
-40.5156

■ 25.8350, 20.2943,
-22.6573

■ 237.9570, 8.4022,
-35.0423

■ 6.8910, 18.7877,
-6.0434

■ 246.9270, 3.9800,
-16.5990

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 107.2000, 29.9744,
-47.5334

■ 107.2000, 29.9744,
-47.5334

■ 98.0080, 34.5061,
-54.3810

■ 116.3920, 25.4427,
-40.6858

■ 89.4030, 38.7483,
-61.7434

■ 124.9970, 21.2005,
-33.3234

■ 80.5100, 43.1326,
-67.9763

■ 133.8900, 16.8162,
-27.0905

■ 79.0260, 43.8642,
-69.3058

■ 142.4950, 12.5740,
-19.7281

■ 151.6870, 8.0423,
-12.8805

■ 160.2920, 3.8000,
-5.5181

■ 169.4840, -0.7316,
1.3295

■ 178.3770, -5.1159,
7.5624

■ 186.9820, -9.3581,
14.9248

Harmonies

Analogous

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



93.3930, 30.3723, -81.9057



107.2000, 29.9744, -47.5334



116.4540, 24.9192, -12.6762

Triad

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



107.2000, 29.9744, -47.5334



118.3260, -7.5557, 43.5641



109.6930, -14.6386, -18.1478

Complementary

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



107.2000, 29.9744, -47.5334



113.8000, -29.9744, 47.5334

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.



113.4310, -23.8765, 4.8840



107.2000, 29.9744, -47.5334



117.3180, -18.8908, 39.1861

Square

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



107.2000, 29.9744, -47.5334



119.8980, 4.9803, 36.0465



115.6230, -24.9571, 24.8866



104.0130, -0.0064, -44.7384

Rectangle

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



107.2000, 29.9744, -47.5334



119.7940, 19.3286, 7.1967



115.6230, -24.9571, 24.8866



111.5970, -19.0283, -10.1706

Sweetspot

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



107.2000, 29.9744, -47.5334



194.6800, 11.9898, -19.0134



125.5210, -14.0609, -63.6009



95.1710, 7.3107, -11.5510



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



107.2000, 29.9744, -47.5334



124.0900, 46.7906, -74.6239



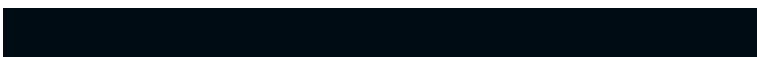
73.7410, 46.4697, -18.1899



79.8470, 2.0474, -3.3738



69.7020, 38.6009, -61.1287



9.3240, 5.2633, -8.1771

Inverse Universe

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



95.3650, 13.6241, 63.7009



105.3600, 21.5145, 99.6623



147.2590, -46.4697, 18.1899



78.9620, 1.0047, 4.4183



54.5120, 17.4956, 81.9890



7.3480, 2.2934, 11.0958

Previews

White Background



This preview shows how the YUV color 107.2000, 29.9744, -47.5334 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 107.2000, 29.9744, -47.5334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

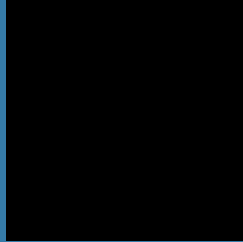
Any Text WCAG AA ✓ Pass

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 107.2000, 29.9744, -47.5334 Background



This preview shows how black text looks on a background with the YUV color 107.2000, 29.9744, -47.5334.

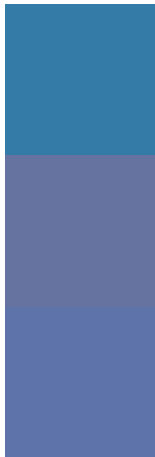


This preview shows how white text looks on a background with the YUV color 107.2000, 29.9744, -47.5334.

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

107.2000, 29.9744, -47.5334

Protanopia

116.3570, 22.0090, -12.5911

Deuteranopia

114.9910, 27.1194, -18.4091



Tritanopia

101.1480, 18.6610, -58.8888

Trichromacy



Original Color

107.2000, 29.9744, -47.5334

Protanomaly

113.0780, 25.1045, -25.5014

Deuteranomaly

112.1530, 28.0256, -29.0752

Tritanomaly

103.3210, 23.0127, -54.6555

Monochromacy



Original Color

107.2000, 29.9744, -47.5334

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0500, 10.8214, -17.5838

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.2000, 29.9744, -47.5334 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(53, 123, 168)` looks like.

```
.text, #text, p{  
    color:rgb(53, 123, 168)  
}
```

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(53, 123, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 123, 168) }
```

Border

The CSS property to change the border of an element to YUV 107.2000, 29.9744, -47.5334 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(53, 123, 168) }
```


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

```
.border{ border-color:rgb(53, 123, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 123, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 123, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 123, 168);  
box-shadow:4px 4px 4px 4px rgb(53, 123,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 107.2000, 29.9744, -47.5334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 123, 168) }
```

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

```
.background{ background-color: rgb(53, 123,  
168) }
```

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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