

Converting Colors

YUV(107.7170, 29.2265,
-40.9708)

Have a look what the booklet for
YUV(107.7170, 29.2265, -40.9708)
contains.

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Color

**YUV(107.7170, 29.2265,
-40.9708)**

Conversions

Conversions Part 1

Format	Color
Hex	3D78A7
RGB	61, 120, 167
RGB Percent	24%, 47%, 65%
CMY	0.7608, 0.5294, 0.3451
CMYK	0.63, 0.28, 0.00, 0.35
HSL	207°, 46%, 45%
HSV	207°, 63%, 65%
XYZ	15.6160, 17.2151, 39.0590
YIQ	107.7170, -50.2510, 2.1090

Conversions

Conversions Part 2

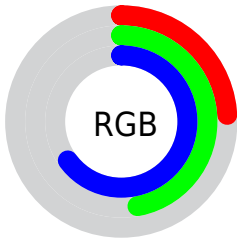
Format	Color
RYB	61, 99, 167
Decimal	4028583
CIELab	48.53, -4.30, -30.85
CIElCh	49, 31.147, 262.073
Yxy	17.2151, 0.2172, 0.2395
Android (android.graphics.Color)	4282218663 (0xFF3D78A7)
YUV	107.7170, 29.2265, -40.9708
Hunter-Lab	41.4910, -5.4272, -26.7709

Details

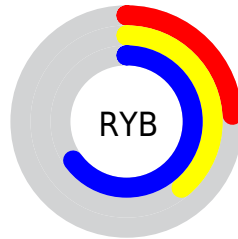
The YUV color **107.7170, 29.2265, -40.9708** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **120.2830, -29.2265, 40.9708**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.5540, 29.7999, -38.1969**, and **55.3740, 29.3956, -48.5630** is the 20% darker color. If you saturate the color by 10%, you get **98.5250, 33.7582, -47.8184**, and if you desaturate by 10%, it is **116.9090, 24.6949, -34.1232**.

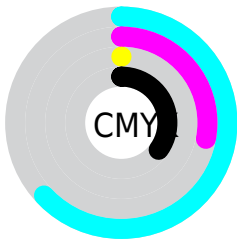
Distribution



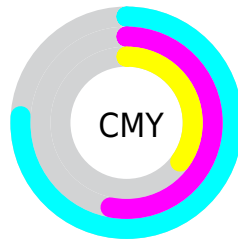
- Red (24%)
- Green (47%)
- Blue (65%)



- Red (24%)
- Yellow (39%)
- Blue (65%)



- Cyan (63%)
- Magenta (28%)
- Yellow (0%)
- Black (35%)



- Cyan (76%)
- Magenta (53%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.7170, 29.2265, -40.9708 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 107.7170, 29.2265, -40.9708 by changing the saturation by 10% instead.

■ 107.7170, 29.2265,
-40.9708

■ 107.7170, 29.2265,
-40.9708

■ 255.0000, 0.0000,
0.0000

■ 79.7980, 29.6796,
-46.3038

■ 161.5540, 29.7999,
-38.1969

■ 55.3740, 29.3956,
-48.5630

■ 189.0810, 30.5261,
-37.7820

■ 39.6100, 24.8423,
-34.7380

■ 214.6440, 19.8955,
-34.7678

■ 24.5470, 20.4363,
-21.5277

■ 239.7510, 7.5178,
-31.3536

■ 6.7770, 18.3509,
-5.9434

■ 248.4220, 3.2430,
-13.5251

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 107.7170, 29.2265,
-40.9708

■ 107.7170, 29.2265,
-40.9708

■ 98.5250, 33.7582,
-47.8184

■ 116.9090, 24.6949,
-34.1232

■ 89.0450, 38.4318,
-53.5365

■ 126.3890, 20.0212,
-28.4052

■ 79.8530, 42.9635,
-60.3841

■ 135.5810, 15.4896,
-21.5575

■ 73.6290, 46.0319,
-64.5726

■ 145.3600, 10.6685,
-15.2247

■ 154.5520, 6.1369,
-8.3771

■ 163.4450, 1.7526,
-2.1443

■ 173.2240, -3.0684,
4.1886

■ 182.4160, -7.6001,
11.0362

■ 191.8960,
-12.2737, 16.7542

Harmonies

Analogous

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



91.7460, 31.6772, -80.4612



107.7170, 29.2265, -40.9708



116.1450, 23.5925, -7.1432

Triad

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



107.7170, 29.2265, -40.9708



116.4570, -9.5923, 43.4492



107.8280, -12.7332, -22.6512

Complementary

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



107.7170, 29.2265, -40.9708



120.2830, -29.2265, 40.9708

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.



111.3380, -22.8446, 0.5806



107.7170, 29.2265, -40.9708



115.3670, -19.9009, 36.5121

Square

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



107.7170, 29.2265, -40.9708



117.9260, 2.5015, 37.7759



113.6010, -24.9463, 21.3979



101.0770, 2.9200, -50.0565

Rectangle

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



107.7170, 29.2265, -40.9708



118.0720, 17.7125, 12.2149



113.6010, -24.9463, 21.3979



109.1450, -16.8335, -14.1592

Sweetspot

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



107.7170, 29.2265, -40.9708



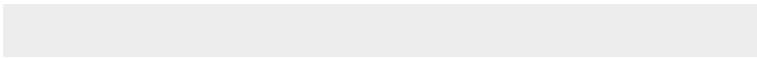
193.5880, 11.5421, -15.4247



128.4660, -10.5827, -59.1677



95.1820, 7.3053, -9.8066



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.



107.7170, 29.2265, -40.9708



124.8140, 45.4477, -63.8579



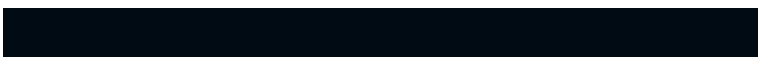
77.1930, 44.2749, -14.2013



79.2600, 2.3368, -2.8590



65.0060, 40.9160, -57.0103



8.7370, 5.5527, -7.6623

Inverse Universe

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



99.4200, 10.1459, 59.2677



111.8230, 15.8633, 92.2402



150.8070, -44.2749, 14.2013



78.8480, 0.5679, 4.5183



53.6000, 14.0012, 82.7888



7.2340, 1.8566, 11.1958

Previews

White Background



This preview shows how the YUV color 107.7170, 29.2265, -40.9708 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 107.7170, 29.2265, -40.9708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

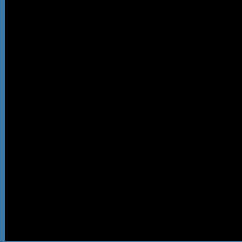
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.7170, 29.2265, -40.9708

Background



This preview shows how black text looks on a background with the YUV color 107.7170, 29.2265, -40.9708.

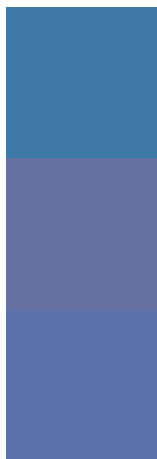


This preview shows how white text looks on a background with the YUV color 107.7170, 29.2265, -40.9708.

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

107.7170, 29.2265, -40.9708

Protanopia

114.5850, 22.8826, -12.7910

Deuteranopia

113.5780, 26.8300, -18.9239



Tritanopia

102.9210, 16.3079, -50.7967

Trichromacy



Original Color

107.7170, 29.2265, -40.9708

Protanomaly

112.3880, 24.9517, -23.1423

Deuteranomaly

111.4630, 27.8727, -26.7161

Tritanomaly

104.7950, 20.8071, -47.1782

Monochromacy



Original Color

107.7170, 29.2265, -40.9708

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.6590, 10.5211, -14.6099

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.7170, 29.2265, -40.9708 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(61, 120, 167)` looks like.

```
.text, #text, p{  
    color:rgb(61, 120, 167)  
}
```

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(61, 120, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 120, 167) }
```

Border

The CSS property to change the border of an element to YUV 107.7170, 29.2265, -40.9708 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(61, 120, 167) }
```


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

```
.border{ border-color:rgb(61, 120, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 120, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 120, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 120, 167);  
box-shadow:4px 4px 4px 4px rgb(61, 120,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 107.7170, 29.2265, -40.9708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 120, 167) }
```

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

```
.background{ background-color: rgb(61, 120,  
167) }
```

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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