

Converting Colors

YUV(109.9990, 31.5525,
-40.3411)

Have a look what the booklet for
YUV(109.9990, 31.5525, -40.3411)
contains.

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Color

**YUV(109.9990, 31.5525,
-40.3411)**

Conversions

Conversions Part 1

Format	Color
Hex	4079AE
RGB	64, 121, 174
RGB Percent	25%, 47%, 68%
CMY	0.7490, 0.5255, 0.3176
CMYK	0.63, 0.30, 0.00, 0.32
HSL	209°, 46%, 47%
HSV	209°, 63%, 68%
XYZ	16.5917, 17.8207, 42.6097
YIQ	109.9990, -50.9850, 4.3990

Conversions

Conversions Part 2

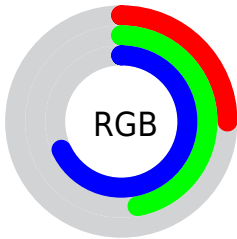
Format	Color
R _{YB}	64, 102, 174
Decimal	4225454
CIE _{Lab}	49.28, -1.93, -33.74
CIE _{LCh}	49, 33.796, 266.724
Y _{xy}	17.8207, 0.2154, 0.2314
Android (android.graphics.Color)	4282415534 (0xFF4079AE)
Y _{UV}	109.9990, 31.5525, -40.3411
Hunter-Lab	42.2146, -3.7193, -30.2946

Details

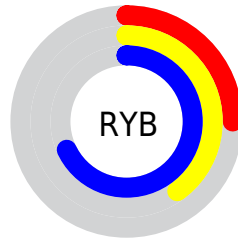
The YUV color **109.9990, 31.5525, -40.3411** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **128.0010, -31.5525, 40.3411**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2490, 32.4152, -37.0524**, and **56.6450, 31.7270, -49.6777** is the 20% darker color. If you saturate the color by 10%, you get **100.2200, 36.3735, -46.6739**, and if you desaturate by 10%, it is **119.7780, 26.7314, -34.0083**.

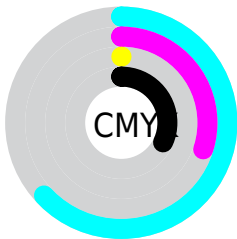
Distribution



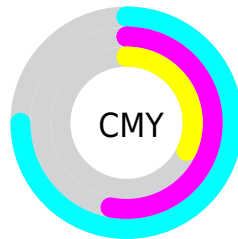
- Red (25%)
- Green (47%)
- Blue (68%)



- Red (25%)
- Yellow (40%)
- Blue (68%)



- Cyan (63%)
- Magenta (30%)
- Yellow (0%)
- Black (32%)



- Cyan (75%)
- Magenta (53%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.9990, 31.5525, -40.3411 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 109.9990, 31.5525, -40.3411 by changing the saturation by 10% instead.

■ 109.9990, 31.5525,
-40.3411

■ 109.9990, 31.5525,
-40.3411

■ 255.0000, 0.0000,
0.0000

■ 82.0800, 32.0056,
-45.6742

■ 164.2490, 32.4152,
-37.0524

■ 56.6450, 31.7270,
-49.6777

■ 191.3200, 31.3942,
-36.2376

■ 40.8810, 27.1737,
-35.8526

■ 216.1280, 19.1639,
-33.4383

■ 25.8180, 22.7677,
-22.6424

■ 240.6480, 7.0755,
-29.5093

■ 7.9340, 20.2455,
-6.9581

■ 249.6180, 2.6533,
-11.0660

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,

0.0000

■ 109.9990, 31.5525,
-40.3411

■ 109.9990, 31.5525,
-40.3411

■ 100.2200, 36.3735,
-46.6739

■ 119.7780, 26.7314,
-34.0083

■ 89.5550, 41.6314,
-53.1067

■ 130.4430, 21.4736,
-27.5755

■ 79.7760, 46.4524,
-59.4396

■ 140.2220, 16.6526,
-21.2427

■ 72.6660, 49.9577,
-63.7281

■ 150.8870, 11.3947,
-14.8099

■ 160.6660, 6.5737,
-8.4771

■ 170.4450, 1.7526,
-2.1443

■ 181.1100, -3.5052,
4.2885

■ 190.8890, -8.3263,
10.6213

■ 200.9670,
-13.2947, 17.5689

Harmonies

Analogous

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



93.8320, 34.5928, -82.2907



109.9990, 31.5525, -40.3411



118.6940, 24.3079, -3.2396

Triad

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



109.9990, 31.5525, -40.3411



118.0830, -12.3659, 46.4082



107.5390, -11.1117, -29.4137

Complementary

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



109.9990, 31.5525, -40.3411



128.0010, -31.5525, 40.3411

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.



112.0880, -23.7074, -2.7082



109.9990, 31.5525, -40.3411



116.8680, -23.1059, 37.8268

Square

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



109.9990, 31.5525, -40.3411



119.5030, 0.7380, 43.4089



114.9060, -27.5617, 20.2534



97.2430, 7.7682, -65.1111

Rectangle

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



109.9990, 31.5525, -40.3411



120.8060, 17.8436, 16.8331



114.9060, -27.5617, 20.2534



109.3400, -15.9436, -19.5922

Sweetspot

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



109.9990, 31.5525, -40.3411



201.8160, 12.4157, -15.6246



134.3840, -9.5563, -61.7268



99.2960, 7.7421, -9.9066



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



109.9990, 31.5525, -40.3411



126.5520, 49.5209, -63.6281



78.8880, 46.8902, -13.0568



81.9610, 2.4842, -3.4738



62.8860, 42.9472, -55.1510



9.6660, 6.5737, -8.4771

Inverse Universe

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



103.3880, 8.6827, 61.9267



115.9870, 13.8104, 97.3584



159.1120, -46.8902, 13.0568



81.2610, 0.8573, 5.0331



53.7420, 11.9592, 84.4183



8.2450, 1.8512, 12.9401

Previews

White Background



This preview shows how the YUV color 109.9990, 31.5525, -40.3411 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 109.9990, 31.5525, -40.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

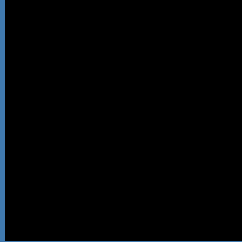
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 109.9990, 31.5525, -40.3411

Background



This preview shows how black text looks on a background with the YUV color 109.9990, 31.5525, -40.3411.

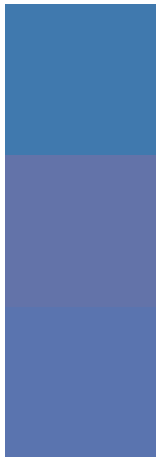


This preview shows how white text looks on a background with the YUV color 109.9990, 31.5525, -40.3411.

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

109.9990, 31.5525, -40.3411

Protanopia

116.3720, 25.9456, -15.2352

Deuteranopia

114.9520, 29.6037, -21.8829



Tritanopia

104.6220, 16.4554, -51.4115

Trichromacy



Original Color

109.9990, 31.5525, -40.3411

Protanomaly

113.8870, 28.1567, -24.4569

Deuteranomaly

113.4350, 30.3515, -28.4455

Tritanomaly

106.4360, 21.9701, -46.8634

Monochromacy



Original Color

109.9990, 31.5525, -40.3411

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.8870, 11.3947, -14.8099

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.9990, 31.5525, -40.3411 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(64, 121, 174)` looks like.

```
.text, #text, p{  
    color:rgb(64, 121, 174)  
}
```

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(64, 121, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 121, 174) }
```

Border

The CSS property to change the border of an element to YUV 109.9990, 31.5525, -40.3411 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(64, 121, 174) }
```


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

```
.border{ border-color:rgb(64, 121, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 121, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 121, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 121, 174);  
box-shadow:4px 4px 4px 4px rgb(64, 121,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 109.9990, 31.5525, -40.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 121, 174) }
```

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

```
.background{ background-color: rgb(64, 121,  
174) }
```

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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