

Converting Colors

YUV(109.3740, -4.1284,
-29.2690)

Have a look what the booklet for
YUV(109.3740, -4.1284, -29.2690)
contains.

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Color

**YUV(109.3740, -4.1284,
-29.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	4C8065
RGB	76, 128, 101
RGB Percent	30%, 50%, 40%
CMY	0.7020, 0.4980, 0.6039
CMYK	0.41, 0.00, 0.21, 0.50
HSL	149°, 25%, 40%
HSV	149°, 41%, 50%
XYZ	13.0486, 17.9144, 15.0820
YIQ	109.3740, -22.3250, -19.4210

Conversions

Conversions Part 2

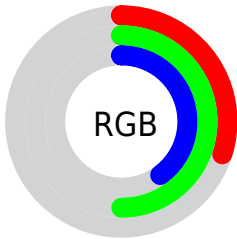
Format	Color
R_{YB}	76, 111, 128
Decimal	5013605
CIE _{Lab}	49.39, -23.93, 9.26
CIE _{LCh}	49, 25.657, 158.835
Y _{xy}	17.9144, 0.2834, 0.3891
Android (android.graphics.Color)	4283203685 (0xFF4C8065)
YUV	109.3740, -4.1284, -29.2690
Hunter-Lab	42.3254, -19.0393, 8.5007

Details

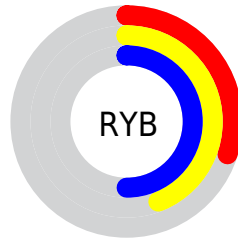
The YUV color $109.3740, -4.1284, -29.2690$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $94.6260, 4.1284, 29.2690$, and the grayscale version is $109.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $161.5480, -4.7072, -30.2986$, and $59.7160, -2.8180, -29.5689$ is the 20% darker color. If you saturate the color by 10%, you get $104.6890, -5.2697, -36.5613$, and if you desaturate by 10%, it is $114.0590, -2.9871, -21.9767$.

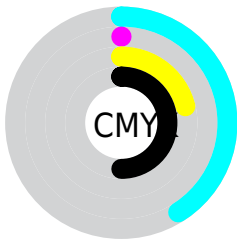
Distribution



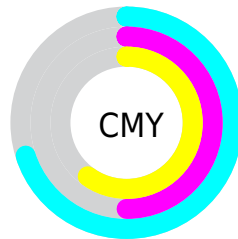
- Red (30%)
- Green (50%)
- Blue (40%)



- Red (30%)
- Yellow (44%)
- Blue (50%)



- Cyan (41%)
- Magenta (0%)
- Yellow (21%)
- Black (50%)



- Cyan (70%)
- Magenta (50%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.3740, -4.1284, -29.2690 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 109.3740, -4.1284, -29.2690 by changing the saturation by 10% instead.

■ 109.3740, -4.1284,
-29.2690

■ 109.3740, -4.1284,
-29.2690

■ 255.0000, 0.0000,
0.0000

■ 84.4880, -3.6916,
-29.3690

■ 161.5480, -4.7072,
-30.2986

■ 59.7160, -2.8180,
-29.5689

■ 189.1350, -4.9966,
-30.8134

■ 36.0470, -1.5022,
-31.6132

■ 216.7220, -5.2859,
-31.3282

■ 21.2120, -5.0345,
-18.6029

■ 238.8520, -2.3920,
-26.1802

■ 0.0000, 0.0000,
0.0000

■ 249.9170, 2.5059,
-10.4512

■ 109.3740, -4.1284,
-29.2690

■ 109.3740, -4.1284,
-29.2690

■ 104.6890, -5.2697,
-36.5613

■ 114.0590, -2.9871,
-21.9767

■ 100.1180, -5.9742,
-43.9535

■ 118.6300, -2.2826,
-14.5845

■ 95.7320, -7.2629,
-50.6310

■ 123.0160, -0.9939,
-7.9070

■ 91.0470, -8.4042,
-57.9232

■ 127.7010, 0.1474,
-0.6148

■ 86.4760, -9.1087,
-65.3155

■ 132.2720, 0.8519,
6.7775

■ 82.2040, -9.9606,
-72.0929

■ 136.9570, 1.9932,
14.0697

■ 141.6420, 3.1345,
21.3620

■ 145.9140, 3.9864,

28.1394

■ 150.5990, 5.1277,
35.4317

Harmonies

Analogous

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



112.7480, -14.6658, -9.4260



109.3740, -4.1284, -29.2690



104.9940, 8.8770, -47.3527

Triad

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



109.3740, -4.1284, -29.2690



116.2210, 21.5830, -15.9798



118.6640, -13.6384, 34.4977

Complementary

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



109.3740, -4.1284, -29.2690



94.6260, 4.1284, 29.2690

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.



119.8950, -3.8922, 35.1721



109.3740, -4.1284, -29.2690



119.7680, 15.3974, 8.0965

Square

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



109.3740, -4.1284, -29.2690



109.8220, 23.2588, -40.1859



120.5870, 6.6126, 25.7952



117.2900, -19.8630, 24.3017

Rectangle

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



109.3740, -4.1284, -29.2690



103.7140, 16.9030, -55.0002



120.5870, 6.6126, 25.7952



118.8860, -10.2968, 36.0570

Sweetspot

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



109.3740, -4.1284, -29.2690



158.7660, -1.8566, -11.1958



114.8960, -19.1757, -9.5558



79.7280, -0.8519, -6.7775



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



109.3740, -4.1284, -29.2690



136.9930, -6.4055, -45.5979



112.2240, 6.7916, -31.7684



61.4510, -0.7153, -3.9035



82.0900, -10.3974, -71.9929



0.0000, 0.0000, 0.0000

Inverse Universe

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



94.6260, 4.1284, 29.2690



114.0070, 6.4055, 45.5979



91.7760, -6.7916, 31.7684



59.5490, 0.7153, 3.9035



45.7960, 9.9606, 72.0929



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 109.3740, -4.1284, -29.2690 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 109.3740, -4.1284, -29.2690 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 109.3740, -4.1284, -29.2690

Background



This preview shows how black text looks on a background with the YUV color 109.3740, -4.1284, -29.2690.



This preview shows how white text looks on a background with the YUV color 109.3740, -4.1284,

-29.2690.

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

109.3740, -4.1284, -29.2690

Protanopia

116.5850, -10.6414, 6.5030

Deuteranopia

117.9540, -6.8793, 13.1953



Tritanopia

113.1800, 10.2643, -25.5909

Trichromacy



Original Color

109.3740, -4.1284, -29.2690

Protanomaly

114.0780, -8.4195, -6.2074

Deuteranomaly

114.4960, -5.6675, -2.1890

Tritanomaly

111.5020, 5.1755, -26.7503

Monochromacy



Original Color

109.3740, -4.1284, -29.2690

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.1790, -1.5672, -10.6810

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.3740, -4.1284, -29.2690 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(76, 128, 101)` looks like.

```
.text, #text, p{  
    color:rgb(76, 128, 101)  
}
```

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(76, 128, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 128, 101) }
```

Border

The CSS property to change the border of an element to YUV 109.3740, -4.1284, -29.2690 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(76, 128, 101) }
```


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

```
.border{ border-color:rgb(76, 128, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 128, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 128, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 128, 101);  
box-shadow:4px 4px 4px 4px rgb(76, 128,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 109.3740, -4.1284, -29.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 128, 101) }
```

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

```
.background{ background-color: rgb(76, 128,  
101) }
```

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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