

Converting Colors

YUV(109.8540, 24.7220,
-42.8450)

Have a look what the booklet for
YUV(109.8540, 24.7220, -42.8450)
contains.

YUV(109.8540, 24.7220, -42.8450)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(109.8540, 24.7220,
-42.8450)**

Conversions

Conversions Part 1

Format	Color
Hex	3D7DA0
RGB	61, 125, 160
RGB Percent	24%, 49%, 63%
CMY	0.7608, 0.5098, 0.3725
CMYK	0.62, 0.22, 0.00, 0.37
HSL	201°, 45%, 43%
HSV	201°, 62%, 63%
XYZ	15.6032, 18.1974, 35.9478
YIQ	109.8540, -49.3790, -2.6830

Conversions

Conversions Part 2

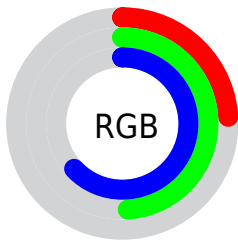
Format	Color
R_{YB}	61, 100, 160
Decimal	4029856
CIE _{Lab}	49.73, -9.56, -24.89
CIE _{LCh}	50, 26.667, 248.986
Yxy	18.1974, 0.2237, 0.2609
Android (android.graphics.Color)	4282219936 (0xFF3D7DA0)
YUV	109.8540, 24.7220, -42.8450
Hunter-Lab	42.6584, -9.3619, -20.1022

Details

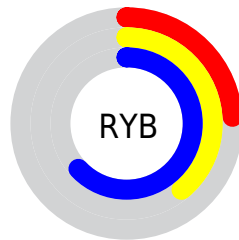
The YUV color **109.8540, 24.7220, -42.8450** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **111.1460, -24.7220, 42.8450**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.9790, 25.1534, -41.2006**, and **56.9240, 25.1805, -49.9223** is the 20% darker color. If you saturate the color by 10%, you get **101.5480, 28.8168, -49.5926**, and if you desaturate by 10%, it is **118.1600, 20.6271, -36.0973**.

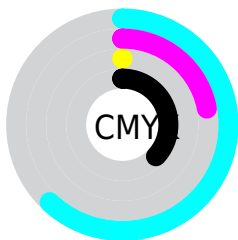
Distribution



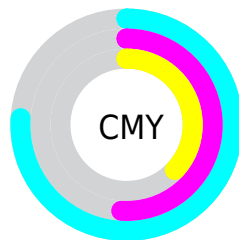
- Red (24%)
- Green (49%)
- Blue (63%)



- Red (24%)
- Yellow (39%)
- Blue (63%)



- Cyan (62%)
- Magenta (22%)
- Yellow (0%)
- Black (37%)



- Cyan (76%)
- Magenta (51%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.8540, 24.7220, -42.8450 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 109.8540, 24.7220, -42.8450 by changing the saturation by 10% instead.

■ 109.8540, 24.7220,
-42.8450

■ 109.8540, 24.7220,
-42.8450

■ 255.0000, 0.0000,
0.0000

■ 82.3480, 25.4644,
-47.6632

■ 163.9790, 25.1534,
-41.2006

■ 56.9240, 25.1805,
-49.9223

■ 191.3920, 25.4427,
-40.6858

■ 41.2740, 21.0639,
-36.1973

■ 217.8670, 18.3066,
-38.4714

■ 25.7380, 17.3842,
-22.5722

■ 239.1530, 7.8126,
-32.5832

■ 6.2070, 16.1669,
-5.4435

■ 247.8240, 3.5378,
-14.7546

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,

0.0000

■ 109.8540, 24.7220,
-42.8450

■ 109.8540, 24.7220,
-42.8450

■ 101.5480, 28.8168,
-49.5926

■ 118.1600, 20.6271,
-36.0973

■ 93.8290, 32.6223,
-56.8550

■ 125.8790, 16.8217,
-28.8349

■ 85.5230, 36.7172,
-63.6027

■ 134.1850, 12.7268,
-22.0872

■ 78.7010, 40.0804,
-69.0208

■ 142.4910, 8.6319,
-15.3396

■ 150.2100, 4.8265,
-8.0772

■ 158.5160, 0.7316,
-1.3295

■ 166.8220, -3.3632,
5.4181

■ 174.5410, -7.1687,
12.6805

■ 182.8470,
-11.2636, 19.4282

Harmonies

Analogous

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



102.8320, 21.2818, -59.4887



109.8540, 24.7220, -42.8450



117.1500, 22.6041, -16.7945

Triad

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



109.8540, 24.7220, -42.8450



120.4930, -4.1870, 36.4016



113.2210, -15.3920, -9.8408

Complementary

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



109.8540, 24.7220, -42.8450



111.1460, -24.7220, 42.8450

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.



116.1480, -21.2720, 9.5172



109.8540, 24.7220, -42.8450



119.2620, -13.9332, 35.7272

Square

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



109.8540, 24.7220, -42.8450



121.2990, 6.7546, 26.9248



117.7740, -20.5946, 25.6312



109.6620, -4.2704, -30.3986

Rectangle

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



109.8540, 24.7220, -42.8450



120.2230, 18.6241, -0.1956



117.7740, -20.5946, 25.6312



114.2820, -17.8870, -2.8783

Sweetspot

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



109.8540, 24.7220, -42.8450



188.8220, 9.9478, -17.3839



123.1030, -13.3618, -54.4643



92.5410, 6.1423, -10.1215



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



109.8540, 24.7220, -42.8450



130.3700, 38.7646, -66.9765



81.0910, 38.9021, -17.6198



74.8470, 2.0474, -3.3738



70.3060, 35.8381, -61.6584



7.5800, 3.6581, -6.6477

Inverse Universe

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



97.8970, 13.3618, 54.4643



111.7450, 20.8317, 85.2926



139.9090, -38.9021, 17.6198



73.9620, 1.0047, 4.4183



53.2450, 19.1062, 78.7151



5.6250, 2.1569, 8.2219

Previews

White Background



This preview shows how the YUV color 109.8540, 24.7220, -42.8450 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 109.8540, 24.7220, -42.8450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

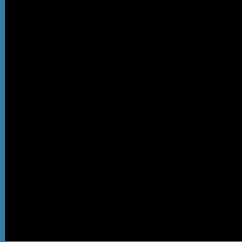
Any Text WCAG AA ✓ Pass

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 109.8540, 24.7220, -42.8450 Background



This preview shows how black text looks on a background with the YUV color 109.8540, 24.7220, -42.8450.



This preview shows how white text looks on a background with the YUV color 109.8540, 24.7220,

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

109.8540, 24.7220, -42.8450

Protanopia

117.8260, 17.3408, -8.6174

Deuteranopia

117.6560, 21.8616, -11.9763



Tritanopia

106.8180, 15.8657, -48.9524

Trichromacy



Original Color

109.8540, 24.7220, -42.8450

Protanomaly

114.8460, 20.2889, -20.9129

Deuteranomaly

114.5190, 22.9151, -23.2572

Tritanomaly

108.3390, 19.0599, -46.7783

Monochromacy



Original Color

109.8540, 24.7220, -42.8450

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.6050, 9.0687, -15.4396

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.8540, 24.7220, -42.8450 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, 125, 160)` looks like.

```
.text, #text, p{  
    color:rgb(61, 125, 160)  
}
```

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, 125, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 125, 160) }
```

Border

The CSS property to change the border of an element to YUV 109.8540, 24.7220, -42.8450 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, 125, 160) }
```


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

```
.border{ border-color:rgb(61, 125, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 125, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 125, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 125, 160);  
box-shadow:4px 4px 4px 4px rgb(61, 125,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 109.8540, 24.7220, -42.8450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 125, 160) }
```

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

```
.background{ background-color: rgb(61, 125,  
160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor