

Converting Colors

YUV(109.2040, 17.1544,
-42.2749)

Have a look what the booklet for
YUV(109.2040, 17.1544, -42.2749)
contains.

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Color

**YUV(109.2040, 17.1544,
-42.2749)**

Conversions

Conversions Part 1

Format	Color
Hex	3D7F90
RGB	61, 127, 144
RGB Percent	24%, 50%, 56%
CMY	0.7608, 0.5020, 0.4353
CMYK	0.58, 0.12, 0.00, 0.44
HSL	192°, 40%, 40%
HSV	192°, 58%, 56%
XYZ	14.5479, 18.1845, 29.1288
YIQ	109.2040, -44.7930, -8.7050

Conversions

Conversions Part 2

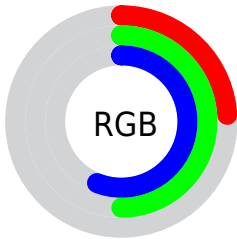
Format	Color
R _Y B	61, 98, 144
Decimal	4030352
CIE Lab	49.72, -15.81, -15.56
CIE LCh	50, 22.185, 224.540
Yxy	18.1845, 0.2352, 0.2940
Android (android.graphics.Color)	4282220432 (0xFF3D7F90)
YUV	109.2040, 17.1544, -42.2749
Hunter-Lab	42.6432, -13.7298, -10.6496

Details

The YUV color **109.2040, 17.1544, -42.2749** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **95.7960, -17.1544, 42.2749**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.9160, 17.2964, -41.1453**, and **56.5020, 18.4865, -49.5523** is the 20% darker color. If you saturate the color by 10%, you get **103.2570, 20.0863, -49.3374**, and if you desaturate by 10%, it is **115.1510, 14.2226, -35.2124**.

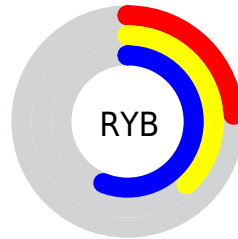
Distribution



Red (24%)

Green (50%)

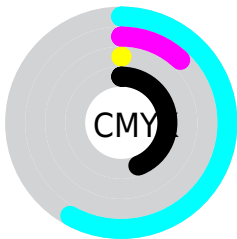
Blue (56%)



Red (24%)

Yellow (38%)

Blue (56%)

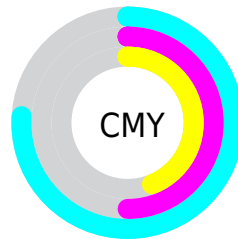


Cyan (58%)

Magenta (12%)

Yellow (0%)

Black (44%)



Cyan (76%)

Magenta (50%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.2040, 17.1544, -42.2749 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 109.2040, 17.1544, -42.2749 by changing the saturation by 10% instead.

■ 109.2040, 17.1544,
-42.2749

■ 109.2040, 17.1544,
-42.2749

■ 255.0000, 0.0000,
0.0000

■ 82.5950, 17.4547,
-45.2488

■ 162.9160, 17.2964,
-41.1453

■ 56.5020, 18.4865,
-49.5523

■ 190.0300, 17.7332,
-41.2453

■ 40.2650, 14.6594,
-35.3124

■ 218.7310, 17.8806,
-41.8601

■ 24.8430, 11.4164,
-21.7873

■ 238.5550, 8.1074,
-33.8127

■ 3.6650, 11.5042,
-3.2142

■ 247.2260, 3.8326,
-15.9842

■ 0.0000, 0.0000,
0.0000

■ 109.2040, 17.1544,
-42.2749

■ 109.2040, 17.1544,
-42.2749

■ 103.2570, 20.0863,
-49.3374

■ 115.1510, 14.2226,
-35.2124

■ 97.0110, 23.1656,
-57.0146

■ 121.3970, 11.1433,
-27.5352

■ 91.0640, 26.0974,
-64.0771

■ 127.3440, 8.2114,
-20.4727

■ 84.8180, 29.1767,
-71.7544

■ 133.5900, 5.1321,
-12.7954

■ 83.9210, 29.6189,
-73.5987

■ 139.5370, 2.2003,
-5.7329

■ 145.4840, -0.7316,
1.3295

■ 151.7300, -3.8109,
9.0068

■ 157.6770, -6.7428,

16.0693

■ 163.9230, -9.8220,
23.7465

Harmonies

Analogous

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



108.7390, 9.0027, -40.9901



109.2040, 17.1544, -42.2749



113.6770, 19.8792, -29.5347

Triad

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



109.2040, 17.1544, -42.2749



120.8920, 3.9972, 24.6507



116.2660, -16.8931, 5.0287

Complementary

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



109.2040, 17.1544, -42.2749



95.7960, -17.1544, 42.2749

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.



118.1260, -17.8101, 19.1835



109.2040, 17.1544, -42.2749



120.2320, -5.0444, 31.3685

Square

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



109.2040, 17.1544, -42.2749



120.5680, 12.0450, 10.0259



119.7450, -13.1853, 29.1646



113.9480, -11.3134, -11.3554

Rectangle

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



109.2040, 17.1544, -42.2749



116.8250, 18.8203, -16.5095



119.7450, -13.1853, 29.1646



117.0710, -17.7830, 10.4617

Sweetspot

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



109.2040, 17.1544, -42.2749



173.2090, 6.3060, -15.9693



111.6590, -16.5939, -44.4279



85.9710, 3.9583, -9.6216



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



109.2040, 17.1544, -42.2749



132.4660, 26.3923, -65.3067



85.1370, 29.0195, -21.1681



68.3200, 1.3212, -3.7886



78.1990, 28.0029, -68.5805



4.4340, 1.7580, -3.8886

Inverse Universe

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



93.3410, 16.5939, 44.4279



107.9000, 25.6853, 68.4937



119.8630, -29.0195, 21.1681



66.7770, 1.5889, 3.7036



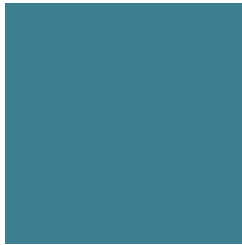
52.5630, 26.8374, 72.2972



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 109.2040, 17.1544, -42.2749 looks on a white background.

Color Contrast Check

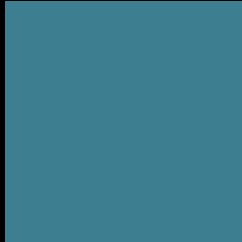
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.2040, 17.1544, -42.2749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

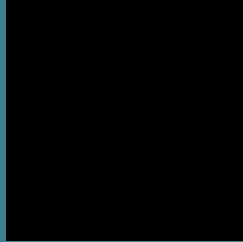
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 109.2040, 17.1544, -42.2749

Background



This preview shows how black text looks on a background with the YUV color 109.2040, 17.1544, -42.2749.

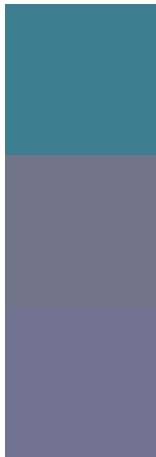


This preview shows how white text looks on a background with the YUV color 109.2040, 17.1544, -42.2749.

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

109.2040, 17.1544, -42.2749

Protanopia

118.3830, 9.1782, -3.8439

Deuteranopia

118.3490, 14.1249, -3.8141



Tritanopia

108.5090, 14.5391, -43.4194

Trichromacy



Original Color

109.2040, 17.1544, -42.2749

Protanomaly

115.3920, 12.1317, -17.8838

Deuteranomaly

114.9020, 15.3313, -17.4541

Tritanomaly

109.0360, 15.2653, -43.0046

Monochromacy



Original Color

109.2040, 17.1544, -42.2749

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.5080, 6.1586, -15.3545

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.2040, 17.1544, -42.2749 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, 127, 144)` looks like.

```
.text, #text, p{  
    color:rgb(61, 127, 144)  
}
```

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, 127, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 127, 144) }
```

Border

The CSS property to change the border of an element to YUV 109.2040, 17.1544, -42.2749 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, 127, 144) }
```


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

```
.border{ border-color:rgb(61, 127, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 127, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 127, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 127, 144);  
box-shadow:4px 4px 4px 4px rgb(61, 127,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 109.2040, 17.1544, -42.2749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 127, 144) }
```

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

```
.background{ background-color: rgb(61, 127,  
144) }
```

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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