

Converting Colors

YUV(120.3690, 10.1711,
-42.4196)

Have a look what the booklet for
YUV(120.3690, 10.1711, -42.4196)
contains.

YUV(120.3690, 10.1711, -42.4196)	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(120.3690, 10.1711,
-42.4196)**

Conversions

Conversions Part 1

Format	Color
Hex	488D8D
RGB	72, 141, 141
RGB Percent	28%, 55%, 55%
CMY	0.7176, 0.4471, 0.4471
CMYK	0.49, 0.00, 0.00, 0.45
HSL	180°, 32%, 42%
HSV	180°, 49%, 55%
XYZ	17.0051, 22.3506, 28.6171
YIQ	120.3690, -41.1240, -14.6280

Conversions

Conversions Part 2

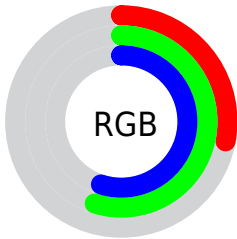
Format	Color
R_{YB}	72, 107, 141
Decimal	4754829
CIE _{Lab}	54.40, -21.69, -6.74
CIE _{LCh}	54, 22.716, 197.251
Yxy	22.3506, 0.2502, 0.3288
Android (android.graphics.Color)	4282944909 (0xFF488D8D)
YUV	120.3690, 10.1711, -42.4196
Hunter-Lab	47.2764, -18.5281, -2.7957

Details

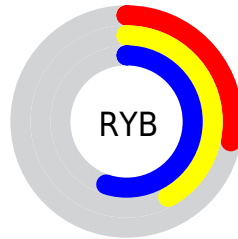
The YUV color **120.3690, 10.1711, -42.4196** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **92.6310, -10.1711, 42.4196**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.3690, 10.1711, -42.4196**, and **65.5960, 12.5242, -50.5117** is the 20% darker color. If you saturate the color by 10%, you get **116.1830, 12.2348, -51.0265**, and if you desaturate by 10%, it is **124.5550, 8.1074, -33.8127**.

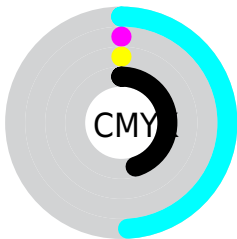
Distribution



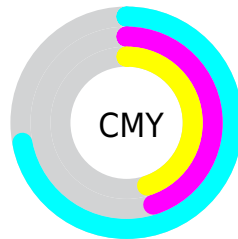
- Red (28%)
- Green (55%)
- Blue (55%)



- Red (28%)
- Yellow (42%)
- Blue (55%)



- Cyan (49%)
- Magenta (0%)
- Yellow (0%)
- Black (45%)



- Cyan (72%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.3690, 10.1711, -42.4196 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 120.3690, 10.1711, -42.4196 by changing the saturation by 10% instead.

■ 120.3690, 10.1711,
-42.4196

■ 120.3690, 10.1711,
-42.4196

■ 255.0000, 0.0000,
0.0000

■ 93.7710, 10.4659,
-43.6492

■ 174.3690, 10.1711,
-42.4196

■ 65.5960, 12.5242,
-50.5117

■ 201.9560, 9.8817,
-42.9344

■ 47.0810, 10.3131,
-41.2900

■ 230.6570, 10.0291,
-43.5492

■ 30.9580, 6.9227,
-27.1502

■ 241.5450, 6.6333,
-27.6650

■ 17.5250, 3.6852,
-15.3694

■ 250.2160, 2.3585,
-9.8364

■ 0.0000, 0.0000,
0.0000

■ 120.3690, 10.1711,
-42.4196

■ 120.3690, 10.1711,
-42.4196

■ 116.1830, 12.2348,
-51.0265

■ 124.5550, 8.1074,
-33.8127

■ 111.9970, 14.2985,
-59.6334

■ 128.7410, 6.0437,
-25.2059

■ 107.8110, 16.3622,
-68.2402

■ 132.9270, 3.9800,
-16.5990

■ 103.6250, 18.4259,
-76.8471

■ 137.1130, 1.9163,
-7.9921

■ 99.1400, 20.6370,
-86.0688

■ 141.5980, -0.2948,
1.2296

■ 98.8410, 20.7844,
-86.6836

■ 145.7840, -2.3585,
9.8364

■ 149.9700, -4.4222,
18.4433

■ 154.1560, -6.4859,

27.0502

■ 158.3420, -8.5496,
35.6571

Harmonies

Analogous

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



122.2860, -0.6340, -30.0688



120.3690, 10.1711, -42.4196



121.4320, 18.0280, -42.4749

Triad

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



120.3690, 10.1711, -42.4196



132.8780, 11.8921, 12.3850



129.8980, -18.6837, 19.3835

Complementary

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



120.3690, 10.1711, -42.4196



92.6310, -10.1711, 42.4196

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.



131.4030, -14.4957, 29.4646



120.3690, 10.1711, -42.4196



133.5610, 2.6814, 26.6950

Square

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



120.3690, 10.1711, -42.4196



130.6520, 17.9196, -7.5878



132.4880, -6.6496, 32.8980



127.7390, -17.6193, 4.6139

Rectangle

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



120.3690, 10.1711, -42.4196



124.1710, 20.6217, -34.3530



132.4880, -6.6496, 32.8980



130.4470, -17.9684, 23.2870

Sweetspot

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



120.3690, 10.1711, -42.4196



175.6280, 4.1274, -17.2138



112.5030, -19.9680, -35.5211



86.9170, 2.5059, -10.4512



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



120.3690, 10.1711, -42.4196



151.4090, 16.0674, -67.0107



100.4110, 20.0104, -24.9164



68.9070, 1.0318, -4.3034



94.6350, 19.8999, -82.9949



5.6080, 1.1793, -4.9182

Inverse Universe

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



100.4970, 19.9680, 35.5211



120.0170, 31.5436, 56.1131



113.1760, -20.2998, 24.4016



66.8910, 2.0257, 3.6036



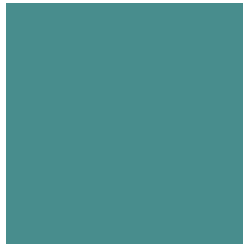
55.7550, 39.0678, 69.4979



3.3040, 2.3151, 4.1184

Previews

White Background



This preview shows how the YUV color 120.3690, 10.1711, -42.4196 looks on a white background.

Color Contrast Check

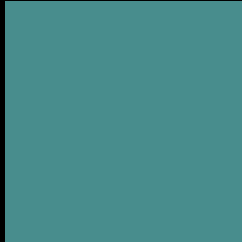
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 120.3690, 10.1711, -42.4196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

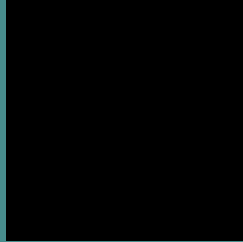
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.3690, 10.1711, -42.4196

Background



This preview shows how black text looks on a background with the YUV color 120.3690, 10.1711, -42.4196.

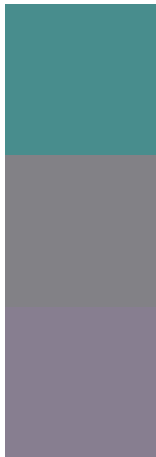


This preview shows how white text looks on a background with the YUV color 120.3690, 10.1711, -42.4196.

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

120.3690, 10.1711, -42.4196

Protanopia

129.8690, 2.0366, 0.1149

Deuteranopia

130.7430, 6.5357, 3.7334



Tritanopia

121.2320, 14.6756, -40.5455

Trichromacy



Original Color

120.3690, 10.1711, -42.4196

Protanomaly

126.2800, 5.2850, -15.1546

Deuteranomaly

126.6870, 8.0423, -12.8805

Tritanomaly

121.0640, 12.7864, -41.2751

Monochromacy



Original Color

120.3690, 10.1711, -42.4196

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.5250, 3.6852, -15.3694

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.3690, 10.1711, -42.4196 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(72, 141, 141)` looks like.

```
.text, #text, p{  
    color:rgb(72, 141, 141)  
}
```

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(72, 141, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 141, 141) }
```

Border

The CSS property to change the border of an element to YUV 120.3690, 10.1711, -42.4196 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(72, 141, 141) }
```


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

```
.border{ border-color:rgb(72, 141, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 141, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 141, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 141, 141);  
box-shadow:4px 4px 4px 4px rgb(72, 141,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 120.3690, 10.1711, -42.4196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 141, 141) }
```

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

```
.background{ background-color: rgb(72, 141,  
141) }
```

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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