

Converting Colors

YUV(120.2260, -3.0694,
-42.2942)

Have a look what the booklet for
YUV(120.2260, -3.0694, -42.2942)
contains.

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Color

**YUV(120.2260, -3.0694,
-42.2942)**

Conversions

Conversions Part 1

Format	Color
Hex	489272
RGB	72, 146, 114
RGB Percent	28%, 57%, 45%
CMY	0.7176, 0.4275, 0.5529
CMYK	0.51, 0.00, 0.22, 0.43
HSL	154°, 34%, 43%
HSV	154°, 51%, 57%
XYZ	15.9886, 23.1504, 19.5454
YIQ	120.2260, -33.8320, -25.6400

Conversions

Conversions Part 2

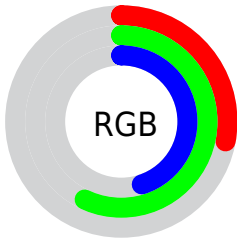
Format	Color
R_{YB}	72, 119, 146
Decimal	4756082
CIE _{Lab}	55.23, -31.00, 9.98
CIE _{LCh}	55, 32.569, 162.149
Yxy	23.1504, 0.2725, 0.3945
Android (android.graphics.Color)	4282946162 (0xFF489272)
YUV	120.2260, -3.0694, -42.2942
Hunter-Lab	48.1149, -24.8852, 9.5954




Details

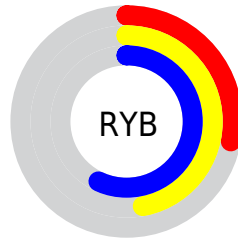
The YUV color $[120.2260, -3.0694, -42.2942]$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $[97.7740, 3.0694, 42.2942]$, and the grayscale version is $[120.0000, 0.0000, 0.0000]$.




A 20% lighter version of the original color is $[173.6990, -3.7956, -42.7090]$, and $[66.5780, -0.2850, -48.7419]$ is the 20% darker color. If you saturate the color by 10%, you get $[115.0570, -3.4791, -50.9160]$, and if you desaturate by 10%, it is $[125.3950, -2.6597, -33.6724]$.

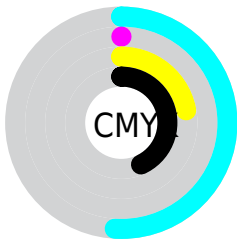
Distribution







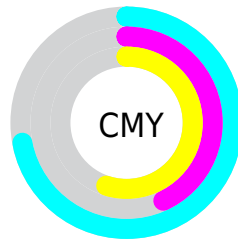
-  Red (28%)
-  Green (57%)
-  Blue (45%)






-  Red (28%)
-  Yellow (47%)
-  Blue (57%)



-  Cyan (51%)
-  Magenta (0%)
-  Yellow (22%)
-  Black (43%)



-  Cyan (72%)
-  Magenta (43%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.2260, -3.0694, -42.2942 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 120.2260, -3.0694, -42.2942 by changing the saturation by 10% instead.

■ 120.2260, -3.0694,
-42.2942

■ 120.2260, -3.0694,
-42.2942

■ 255.0000, 0.0000,
0.0000

■ 94.0410, -2.4852,
-43.0090

■ 173.6990, -3.7956,
-42.7090

■ 66.5780, -0.2850,
-48.7419

■ 202.1720, -4.5218,
-43.1238

■ 46.6930, -1.3276,
-40.9498

■ 228.6990, -3.7956,
-42.7090

■ 30.2110, -3.5550,
-26.4950

■ 240.6760, 4.5967,
-27.7799

■ 15.8490, -7.8136,
-13.8996

■ 249.9170, 2.5059,
-10.4512

■ 0.0000, 0.0000,
0.0000

■ 120.2260, -3.0694,
-42.2942

■ 120.2260, -3.0694,
-42.2942

■ 115.0570, -3.4791,
-50.9160

■ 125.3950, -2.6597,
-33.6724

■ 110.0730, -4.4730,
-58.8230

■ 130.3790, -1.6658,
-25.7654

■ 104.9040, -4.8827,
-67.4448

■ 135.5480, -1.2562,
-17.1436

■ 100.0340, -5.4398,
-75.4518

■ 140.4180, -0.6991,
-9.1366

■ 95.1640, -5.9969,
-83.4588

■ 145.7010, 0.1474,
-0.6148

■ 150.8700, 0.5571,
8.0070

■ 155.7400, 1.1142,
16.0140

■ 161.0230, 1.9607,

24.5358

■ 165.8930, 2.5178,
32.5428

Harmonies

Analogous

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



125.7920, -18.1385, -15.6036



120.2260, -3.0694, -42.2942



110.0660, 16.2365, -74.6029

Triad

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



120.2260, -3.0694, -42.2942



131.1050, 27.5562, -18.5091



132.8670, -18.1754, 43.0896

Complementary

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



120.2260, -3.0694, -42.2942



97.7740, 3.0694, 42.2942

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.



134.3910, -6.1088, 46.1381



120.2260, -3.0694, -42.2942



135.7130, 18.8755, 12.5297

Square

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



120.2260, -3.0694, -42.2942



120.6120, 31.7433, -54.9107



135.4680, 7.1643, 35.5466



131.7160, -25.9890, 29.1901

Rectangle

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



120.2260, -3.0694, -42.2942



104.0560, 28.0734, -91.2571



135.4680, 7.1643, 35.5466



133.5020, -14.5445, 45.1637

Sweetspot

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



120.2260, -3.0694, -42.2942



178.8470, -1.4036, -16.5288



125.0060, -26.1320, -18.4223



88.1190, -0.5517, -9.7514



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.



120.2260, -3.0694, -42.2942



148.9150, -4.8881, -65.7005



120.9390, 12.3551, -42.9195



71.5650, -0.2785, -4.0035



89.8980, -5.8657, -78.8405



6.5540, -0.2731, -5.7479

Inverse Universe

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



97.7740, 3.0694, 42.2942



113.9710, 4.4513, 65.8004



97.0610, -12.3551, 42.9195



69.4350, 0.2785, 4.0035



48.1020, 5.8657, 78.8405



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 120.2260, -3.0694, -42.2942 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 120.2260, -3.0694, -42.2942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

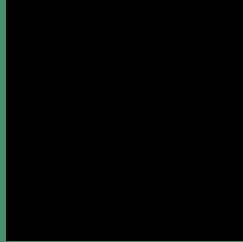
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.2260, -3.0694, -42.2942

Background



This preview shows how black text looks on a background with the YUV color 120.2260, -3.0694, -42.2942.



This preview shows how white text looks on a background with the YUV color 120.2260, -3.0694,

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

120.2260, -3.0694, -42.2942

Protanopia

130.6560, -11.6624, 7.3177

Deuteranopia

132.5520, -7.1741, 14.4249



Tritanopia

124.9120, 13.3544, -36.7568

Trichromacy



Original Color

120.2260, -3.0694, -42.2942

Protanomaly

126.7570, -8.2612, -10.3109

Deuteranomaly

128.1750, -5.5093, -6.2925

Tritanomaly

123.2940, 7.2501, -38.8458

Monochromacy



Original Color

120.2260, -3.0694, -42.2942

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9720, -0.9722, -14.8844

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.2260, -3.0694, -42.2942 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, 146, 114)` looks like.

```
.text, #text, p{  
    color:rgb(72, 146, 114)  
}
```

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, 146, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 146, 114) }
```

Border

The CSS property to change the border of an element to YUV 120.2260, -3.0694, -42.2942 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, 146, 114) }
```


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

```
.border{ border-color:rgb(72, 146, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 146, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 146, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 146, 114);  
box-shadow:4px 4px 4px 4px rgb(72, 146,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 120.2260, -3.0694, -42.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 146, 114) }
```

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

```
.background{ background-color: rgb(72, 146,  
114) }
```

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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