

Converting Colors

YUV(120.0850, 34.4681,
-42.1705)

Have a look what the booklet for
YUV(120.0850, 34.4681, -42.1705)
contains.

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Color

**YUV(120.0850, 34.4681,
-42.1705)**

Conversions

Conversions Part 1

Format	Color
Hex	4883BE
RGB	72, 131, 190
RGB Percent	28%, 51%, 75%
CMY	0.7176, 0.4863, 0.2549
CMYK	0.62, 0.31, 0.00, 0.25
HSL	210°, 48%, 51%
HSV	210°, 62%, 75%
XYZ	20.0831, 21.3280, 51.7734
YIQ	120.0850, -54.1030, 5.8410

Conversions

Conversions Part 2

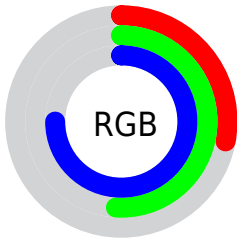
Format	Color
R _Y B	72, 111, 190
Decimal	4752318
CIE Lab	53.31, -0.93, -36.61
CIE LCh	53, 36.621, 268.546
Yxy	21.3280, 0.2155, 0.2289
Android (android.graphics.Color)	4282942398 (0xFF4883BE)
YUV	120.0850, 34.4681, -42.1705
Hunter-Lab	46.1823, -3.1956, -34.1405

Details

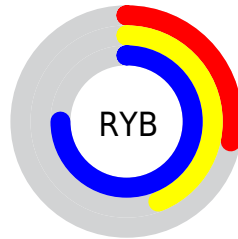
The YUV color **120.0850, 34.4681, -42.1705** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **141.9150, -34.4681, 42.1705**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.0360, 35.4783, -39.4966**, and **63.6380, 35.6745, -55.8105** is the 20% darker color. If you saturate the color by 10%, you get **109.1210, 39.8733, -49.2181**, and if you desaturate by 10%, it is **131.6360, 28.7735, -35.6378**.

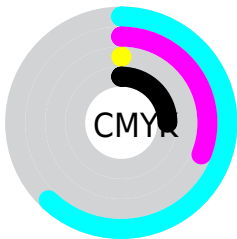
Distribution



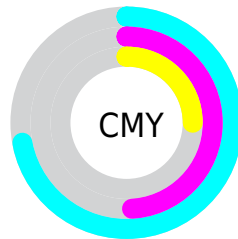
- Red (28%)
- Green (51%)
- Blue (75%)



- Red (28%)
- Yellow (44%)
- Blue (75%)



- Cyan (62%)
- Magenta (31%)
- Yellow (0%)
- Black (25%)



- Cyan (72%)
- Magenta (49%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.0850, 34.4681, -42.1705 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 120.0850, 34.4681, -42.1705 by changing the saturation by 10% instead.

■ 120.0850, 34.4681,
-42.1705

■ 120.0850, 34.4681,
-42.1705

■ 255.0000, 0.0000,
0.0000

■ 92.4650, 34.7738,
-46.8888

■ 175.0360, 35.4783,
-39.4966

■ 63.6380, 35.6745,
-55.8105

■ 200.4680, 26.8843,
-36.3674

■ 47.2870, 31.4105,
-41.4707

■ 226.1620, 14.2171,
-33.4681

■ 32.1100, 26.5678,
-28.1605

■ 243.6380, 5.6015,
-23.3615

■ 17.0470, 22.1618,
-14.9502

■ 252.6080, 1.1793,
-4.9182

■ 6.3210, 16.6037,
-5.5435

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 120.0850, 34.4681,
-42.1705

■ 120.0850, 34.4681,
-42.1705

■ 109.1210, 39.8733,
-49.2181

■ 131.6360, 28.7735,
-35.6378

■ 97.5700, 45.5680,
-55.7509

■ 142.6000, 23.3682,
-28.5902

■ 86.6060, 50.9732,
-62.7985

■ 154.1510, 17.6736,
-22.0574

■ 77.4250, 55.4995,
-67.9017

■ 165.1150, 12.2683,
-15.0099

■ 176.6660, 6.5737,
-8.4771

■ 187.6300, 1.1684,
-1.4295

■ 199.1810, -4.5262,
5.1033

■ 210.1450, -9.9315,
12.1508

■ 221.6960,
-15.6261, 18.6836

Harmonies

Analogous

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



102.1130, 38.3983, -89.5531



120.0850, 34.4681, -42.1705



129.5740, 26.3390, -1.3804

Triad

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



120.0850, 34.4681, -42.1705



127.9480, -14.2714, 50.9116



116.3920, -11.5323, -34.5468

Complementary

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



120.0850, 34.4681, -42.1705



141.9150, -34.4681, 42.1705

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.



121.3220, -25.3017, -4.6674



120.0850, 34.4681, -42.1705



127.0810, -26.1689, 40.2710

Square

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



120.0850, 34.4681, -42.1705



130.0090, -0.0044, 48.2271



124.8090, -30.4718, 20.3385



101.4690, 11.6008, -81.0953

Rectangle

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



120.0850, 34.4681, -42.1705



131.3550, 18.5590, 20.7367



124.8090, -30.4718, 20.3385



118.3780, -16.9484, -24.0105

Sweetspot

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



120.0850, 34.4681, -42.1705



219.4460, 13.5841, -17.0541



147.9920, -8.3771, -66.6450



108.1110, 8.3263, -10.6213



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



120.0850, 34.4681, -42.1705



137.6810, 53.8943, -66.3722



85.4520, 51.5422, -11.7974



88.9610, 2.4842, -3.4738



64.3850, 46.1522, -56.4656



12.3390, 9.1999, -10.8213

Inverse Universe

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



114.0080, 8.3771, 66.6450



127.9170, 13.3519, 104.4358



176.5480, -51.5422, 11.7974



88.2610, 0.8573, 5.0331



56.2480, 11.2167, 89.2365



10.9790, 1.9824, 17.5584

Previews

White Background



This preview shows how the YUV color 120.0850, 34.4681, -42.1705 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 120.0850, 34.4681, -42.1705 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 120.0850, 34.4681, -42.1705

Background



This preview shows how black text looks on a background with the YUV color 120.0850, 34.4681, -42.1705.

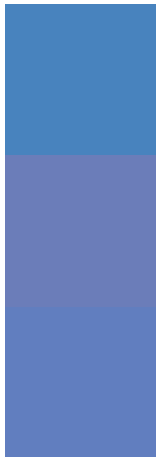


This preview shows how white text looks on a background with the YUV color 120.0850, 34.4681, -42.1705.

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

120.0850, 34.4681, -42.1705

Protanopia

126.4580, 28.8612, -17.0647

Deuteranopia

124.7390, 32.6667, -24.3271



Tritanopia

114.2410, 17.6292, -54.5854

Trichromacy



Original Color

120.0850, 34.4681, -42.1705

Protanomaly

123.9730, 31.0723, -26.2863

Deuteranomaly

123.2220, 33.4146, -30.8897

Tritanomaly

116.2830, 24.0175, -50.2372

Monochromacy



Original Color

120.0850, 34.4681, -42.1705

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.1150, 12.2683, -15.0099

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.0850, 34.4681, -42.1705 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, 131, 190)` looks like.

```
.text, #text, p{  
    color:rgb(72, 131, 190)  
}
```

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, 131, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 131, 190) }
```

Border

The CSS property to change the border of an element to YUV 120.0850, 34.4681, -42.1705 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, 131, 190) }
```


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

```
.border{ border-color:rgb(72, 131, 190) }
```

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

Here you see how a box with a 4 pixel rgb(72, 131, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 131, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 131, 190);  
box-shadow:4px 4px 4px 4px rgb(72, 131,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 120.0850, 34.4681, -42.1705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 131, 190) }
```

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

```
.background{ background-color: rgb(72, 131,  
190) }
```

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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