

Converting Colors

YUV(124.0470, 32.0218,
-50.9072)

Have a look what the booklet for
YUV(124.0470, 32.0218, -50.9072)
contains.

YUV(124.0470, 32.0218, -50.9072)	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(124.0470, 32.0218,
-50.9072)**

Conversions

Conversions Part 1

Format	Color
Hex	428DBD
RGB	66, 141, 189
RGB Percent	26%, 55%, 74%
CMY	0.7412, 0.4471, 0.2588
CMYK	0.65, 0.25, 0.00, 0.26
HSL	203°, 48%, 50%
HSV	203°, 65%, 74%
XYZ	20.9570, 23.8821, 51.6493
YIQ	124.0470, -60.1080, -0.9720

Conversions

Conversions Part 2

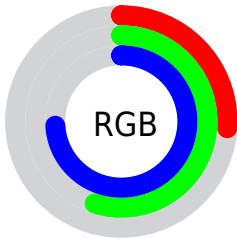
Format	Color
R_{YB}	66, 113, 189
Decimal	4361661
CIE _{Lab}	55.97, -8.15, -31.89
CIE _{LCh}	56, 32.918, 255.667
Yxy	23.8821, 0.2172, 0.2475
Android (android.graphics.Color)	4282551741 (0xFF428DBD)
YUV	124.0470, 32.0218, -50.9072
Hunter-Lab	48.8693, -8.9741, -28.4542

Details

The YUV color **124.0470, 32.0218, -50.9072** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **130.9530, -32.0218, 50.9072**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.0690, 32.0110, -47.4185**, and **68.8070, 32.6331, -60.3437** is the 20% darker color. If you saturate the color by 10%, you get **114.2570, 36.8483, -58.9844**, and if you desaturate by 10%, it is **133.8370, 27.1954, -42.8300**.

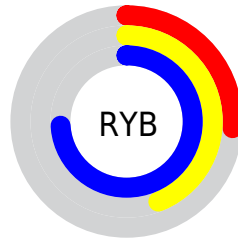
Distribution



Red (26%)

Green (55%)

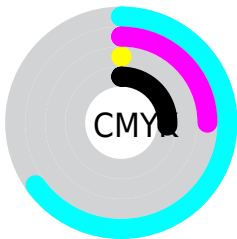
Blue (74%)



Red (26%)

Yellow (44%)

Blue (74%)

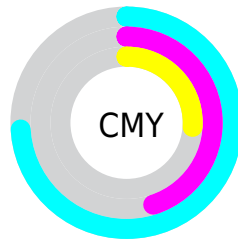


Cyan (65%)

Magenta (25%)

Yellow (0%)

Black (26%)



Cyan (74%)

Magenta (45%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.0470, 32.0218, -50.9072 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 124.0470, 32.0218, -50.9072 by changing the saturation by 10% instead.

■ 124.0470, 32.0218,
-50.9072

■ 124.0470, 32.0218,
-50.9072

■ 255.0000, 0.0000,
0.0000

■ 95.2310, 32.9171,
-58.0846

■ 180.0690, 32.0110,
-47.4185

■ 68.8070, 32.6331,
-60.3437

■ 205.7290, 24.2906,
-44.4893

■ 52.4560, 28.3692,
-46.0039

■ 231.4230, 11.6235,
-41.5900

■ 36.6920, 23.8158,
-32.1789

■ 242.4420, 6.1911,
-25.8206

■ 22.3300, 19.5573,
-19.5834

■ 251.4120, 1.7689,
-7.3773

■ 6.3210, 16.6037,
-5.5435

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 124.0470, 32.0218,
-50.9072

■ 124.0470, 32.0218,
-50.9072

■ 114.2570, 36.8483,
-58.9844

■ 133.8370, 27.1954,
-42.8300

■ 103.8800, 41.9642,
-66.5468

■ 144.2140, 22.0795,
-35.2677

■ 94.0900, 46.7906,
-74.6239

■ 154.0040, 17.2530,
-27.1905

■ 89.0510, 49.2749,
-78.0977

■ 164.3810, 12.1372,
-19.6281

■ 174.1710, 7.3107,
-11.5510

■ 183.6620, 2.6316,
-4.0886

■ 194.0390, -2.4842,
3.4738

■ 203.8290, -7.3107,
11.5510

■ 213.6190,
-12.1372, 19.6281

Harmonies

Analogous

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



106.1250, 33.4624, -93.0716



124.0470, 32.0218, -50.9072



134.0130, 27.1086, -14.9204

Triad

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



124.0470, 32.0218, -50.9072



136.2340, -8.0034, 47.1528



126.8240, -16.6752, -18.2626

Complementary

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



124.0470, 32.0218, -50.9072



130.9530, -32.0218, 50.9072

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.



130.5730, -25.9185, 6.5135



124.0470, 32.0218, -50.9072



134.6990, -20.0646, 42.3600

Square

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



124.0470, 32.0218, -50.9072



137.4360, 5.7011, 38.2056



133.4770, -26.8572, 27.6457



120.7740, -0.8746, -46.2828

Rectangle

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



124.0470, 32.0218, -50.9072



137.0650, 21.6600, 6.0820



133.4770, -26.8572, 27.6457



128.2550, -20.3387, -9.8706

Sweetspot

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



124.0470, 32.0218, -50.9072



219.1960, 12.7214, -20.3429



143.5590, -15.0656, -68.0192



106.8720, 7.4581, -12.1657



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



124.0470, 32.0218, -50.9072



143.8660, 49.8591, -78.8125



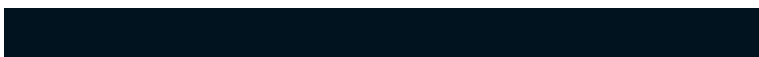
88.2400, 49.6747, -19.5045



89.5480, 2.1948, -3.9886



74.3640, 41.2325, -65.2172



14.6870, 8.0423, -12.8805

Inverse Universe

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



111.3270, 14.6288, 68.1192



124.3330, 22.5138, 105.8250



166.7600, -49.6747, 19.5045



88.3750, 1.2941, 4.9331



58.1860, 18.6423, 87.5369



11.4350, 3.7295, 17.1585

Previews

White Background



This preview shows how the YUV color 124.0470, 32.0218, -50.9072 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 124.0470, 32.0218, -50.9072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

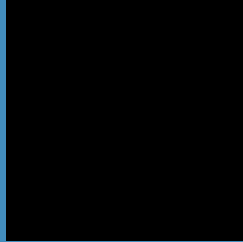
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.0470, 32.0218, -50.9072

Background



This preview shows how black text looks on a background with the YUV color 124.0470, 32.0218, -50.9072.

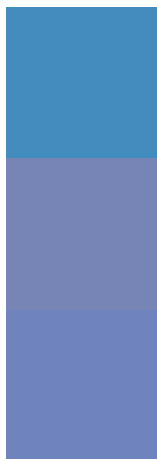


This preview shows how white text looks on a background with the YUV color 124.0470, 32.0218, -50.9072.

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

124.0470, 32.0218, -50.9072

Protanopia

133.8130, 23.7562, -12.9910

Deuteranopia

132.4470, 28.8666, -18.8090



Tritanopia

119.0660, 19.6875, -61.4479

Trichromacy



Original Color

124.0470, 32.0218, -50.9072

Protanomaly

130.2350, 26.9991, -26.5161

Deuteranomaly

129.3100, 29.9202, -30.0899

Tritanomaly

120.9400, 24.1866, -57.8294

Monochromacy



Original Color

124.0470, 32.0218, -50.9072

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.9790, 11.8424, -18.3986

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.0470, 32.0218, -50.9072 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(66, 141, 189)` looks like.

```
.text, #text, p{  
    color:rgb(66, 141, 189)  
}
```

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(66, 141, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 141, 189) }
```

Border

The CSS property to change the border of an element to YUV 124.0470, 32.0218, -50.9072 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(66, 141, 189) }
```


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

```
.border{ border-color:rgb(66, 141, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 141, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 141, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 141, 189);  
box-shadow:4px 4px 4px 4px rgb(66, 141,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 124.0470, 32.0218, -50.9072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 141, 189) }
```

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

```
.background{ background-color: rgb(66, 141,  
189) }
```

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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