

Converting Colors

YUV(145.0470, 32.0218,
-50.9072)

Have a look what the booklet for
YUV(145.0470, 32.0218, -50.9072)
contains.

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Color

**YUV(145.0470, 32.0218,
-50.9072)**

Conversions

Conversions Part 1

Format	Color
Hex	57A2D2
RGB	87, 162, 210
RGB Percent	34%, 64%, 82%
CMY	0.6588, 0.3647, 0.1765
CMYK	0.59, 0.23, 0.00, 0.18
HSL	203°, 58%, 58%
HSV	203°, 59%, 82%
XYZ	28.4837, 32.5200, 65.7485
YIQ	145.0470, -60.1080, -0.9720

Conversions

Conversions Part 2

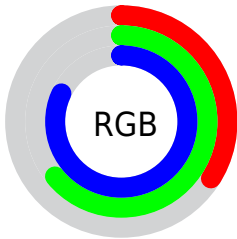
Format	Color
R_{YB}	87, 134, 210
Decimal	5743314
CIE _{Lab}	63.77, -9.24, -31.51
CIE _{LCh}	64, 32.838, 253.656
Yxy	32.5200, 0.2247, 0.2566
Android (android.graphics.Color)	4283933394 (0xFF57A2D2)
YUV	145.0470, 32.0218, -50.9072
Hunter-Lab	57.0263, -10.6385, -28.4400

Details

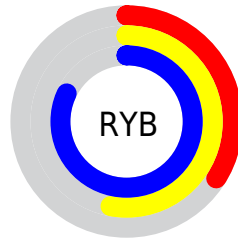
The YUV color **145.0470, 32.0218, -50.9072** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **151.9530, -32.0218, 50.9072**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.1030, 27.0642, -47.4483**, and **84.9200, 34.5494, -68.3358** is the 20% darker color. If you saturate the color by 10%, you get **134.0720, 37.4325, -59.6991**, and if you desaturate by 10%, it is **156.0220, 26.6112, -42.1153**.

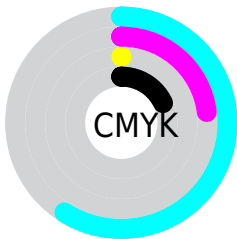
Distribution



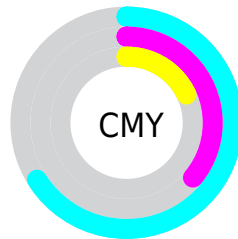
- Red (34%)
- Green (64%)
- Blue (82%)



- Red (34%)
- Yellow (53%)
- Blue (82%)



- Cyan (59%)
- Magenta (23%)
- Yellow (0%)
- Black (18%)



- Cyan (66%)
- Magenta (36%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.0470, 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 145.0470, 32.0218, -50.9072 by changing the saturation by 10% instead.

■ 145.0470, 32.0218,
-50.9072

■ 145.0470, 32.0218,
-50.9072

■ 255.0000, 0.0000,
0.0000

■ 117.0250, 32.0327,
-54.3959

■ 200.1030, 27.0642,
-47.4483

■ 84.9200, 34.5494,
-68.3358

■ 225.2100, 14.6865,
-44.0342

■ 65.1880, 31.4593,
-57.1699

■ 239.7510, 7.5178,
-31.3536

■ 48.8370, 27.1954,
-42.8300

■ 248.7210, 3.0955,
-12.9103

■ 33.0730, 22.6420,
-29.0050

■ 19.2980, 18.0941,
-16.9243

■ 5.0500, 14.2723,

-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 145.0470, 32.0218,
-50.9072

■ 145.0470, 32.0218,
-50.9072

■ 134.0720, 37.4325,
-59.6991

■ 156.0220, 26.6112,
-42.1153

■ 123.0970, 42.8432,
-68.4911

■ 166.9970, 21.2005,
-33.3234

■ 111.5350, 48.5432,
-76.7682

■ 178.5590, 15.5004,
-25.0462

■ 100.5600, 53.9539,
-85.5601

■ 189.5340, 10.0897,
-16.2543

■ 99.0760, 54.6855,
-86.8897

■ 200.5090, 4.6791,
-7.4624

■ 211.4840, -0.7316,
1.3295

■ 222.4590, -6.1423,
10.1215

■ 234.0210,
-11.8424, 18.3986

■ 238.7170,
-14.1575, 14.2802

Harmonies

Analogous

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



135.0840, 29.0456, -76.3727



145.0470, 32.0218, -50.9072



154.2300, 27.9876, -16.8647

Triad

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



145.0470, 32.0218, -50.9072



157.0600, -7.4246, 48.1824



147.7810, -18.1330, -17.3479

Complementary

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



145.0470, 32.0218, -50.9072



151.9530, -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.



151.3560, -26.7975, 8.4578



145.0470, 32.0218, -50.9072



156.0090, -20.2174, 44.7191

Square

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



145.0470, 32.0218, -50.9072



158.6640, 6.5746, 38.0057



153.7870, -27.0100, 30.0048



142.3290, -2.6272, -44.1385

Rectangle

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



145.0470, 32.0218, -50.9072



157.5810, 22.3916, 4.7525



153.7870, -27.0100, 30.0048



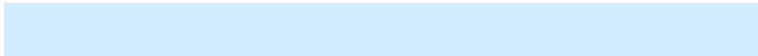
148.6250, -21.5071, -8.4411

Sweetspot

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



145.0470, 32.0218, -50.9072



230.6800, 11.9898, -19.0134



164.5590, -15.0656, -68.0192



112.8720, 7.4581, -12.1657



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



145.0470, 32.0218, -50.9072



160.6880, 46.4958, -73.3944



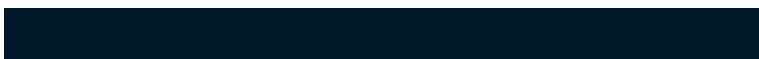
109.2400, 49.6747, -19.5045



98.7760, 3.0684, -4.1886



79.6130, 43.5748, -69.8206



19.3490, 10.6739, -16.9691

Inverse Universe

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



132.3270, 14.6288, 68.1192



142.5340, 20.9357, 98.6327



187.7600, -49.6747, 19.5045



97.9730, 0.9993, 6.1627



61.9740, 20.2258, 92.9848



15.1090, 4.8763, 22.7064

Previews

White Background



This preview shows how the YUV color 145.0470, 32.0218, -50.9072 looks on a white background.

Color Contrast Check

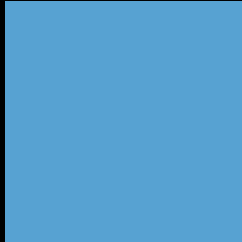
Large Text (above 18pt) WCAG AA × Fail

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 145.0470, 32.0218, -50.9072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

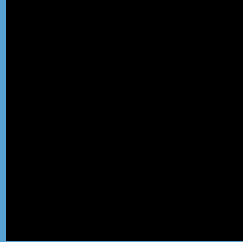
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 145.0470, 32.0218, -50.9072

Background



This preview shows how black text looks on a background with the YUV color 145.0470, 32.0218, -50.9072.



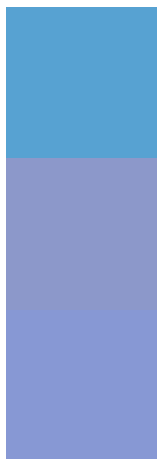
This preview shows how white text looks on a background with the YUV color 145.0470, 32.0218, -50.9072.

-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

145.0470, 32.0218, -50.9072

Protanopia

154.1120, 23.6088, -12.3762

Deuteranopia

153.7570, 28.7138, -16.4499



Tritanopia

141.0880, 19.6766, -57.9592

Trichromacy



Original Color

145.0470, 32.0218, -50.9072

Protanomaly

151.1210, 26.5623, -26.4161

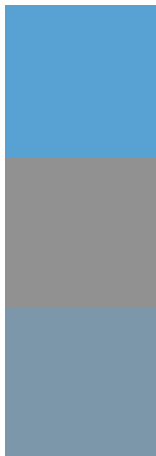
Deuteranomaly

150.9080, 29.6254, -28.8603

Tritanomaly

142.3640, 24.4705, -55.5702

Monochromacy



Original Color

145.0470, 32.0218, -50.9072

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.9790, 11.8424, -18.3986

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.0470, 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(87, 162, 210)` looks like.

```
.text, #text, p{  
    color:rgb(87, 162, 210)  
}
```

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(87, 162, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 162, 210) }
```

Border

The CSS property to change the border of an element to YUV 145.0470, 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(87, 162, 210) }
```


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

```
.border{ border-color:rgb(87, 162, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 162, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 162, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 162, 210);  
box-shadow:4px 4px 4px 4px rgb(87, 162,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 145.0470, 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(87, 162, 210) }
```

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

```
.background{ background-color: rgb(87, 162,  
210) }
```

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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