

Converting Colors

YUV(112.4170, 54.5174,
-32.8147)

Have a look what the booklet for
YUV(112.4170, 54.5174, -32.8147)
contains.

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Color

**YUV(112.4170, 54.5174,
-32.8147)**

Conversions

Conversions Part 1

Format	Color
Hex	4B6EDF
RGB	75, 110, 223
RGB Percent	29%, 43%, 87%
CMY	0.7059, 0.5686, 0.1255
CMYK	0.66, 0.51, 0.00, 0.13
HSL	226°, 70%, 58%
HSV	226°, 66%, 87%
XYZ	21.7969, 17.9754, 72.1328
YIQ	112.4170, -57.1330, 27.7230

Conversions

Conversions Part 2

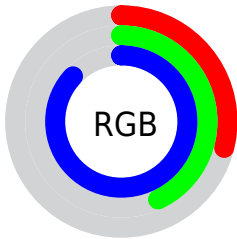
Format	Color
R_{YB}	75, 103, 223
Decimal	4943583
CIE _{Lab}	49.47, 23.86, -61.48
CIE _{LCh}	49, 65.946, 291.216
Yxy	17.9754, 0.1948, 0.1606
Android (android.graphics.Color)	4283133663 (0xFF4B6EDF)
YUV	112.4170, 54.5174, -32.8147
Hunter-Lab	42.3974, 17.5728, -71.1947

Details

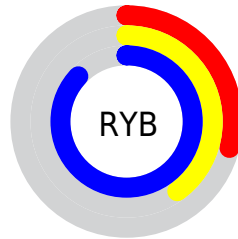
The YUV color **112.4170, 54.5174, -32.8147** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **185.5830, -54.5174, 32.8147**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.8390, 44.4494, -23.5378**, and **56.0190, 54.7136, -49.1287** is the 20% darker color. If you saturate the color by 10%, you get **95.8600, 62.6800, -37.5882**, and if you desaturate by 10%, it is **128.9740, 46.3548, -28.0412**.

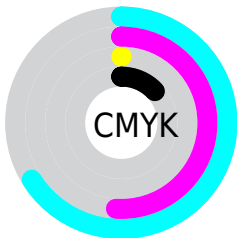
Distribution



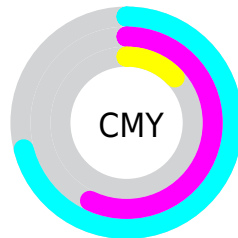
- Red (29%)
- Green (43%)
- Blue (87%)



- Red (29%)
- Yellow (40%)
- Blue (87%)



- Cyan (66%)
- Magenta (51%)
- Yellow (0%)
- Black (13%)



- Cyan (71%)
- Magenta (57%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.4170, 54.5174, -32.8147 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 112.4170, 54.5174, -32.8147 by changing the saturation by 10% instead.

■ 112.4170, 54.5174,
-32.8147

■ 112.4170, 54.5174,
-32.8147

255.0000, 0.0000,
0.0000

■ 83.1770, 55.1287,
-42.2512

■ 164.8390, 44.4494,
-23.5378

■ 56.0190, 54.7136,
-49.1287

■ 189.6580, 32.2136,
-18.9941

■ 40.6140, 48.9973,
-35.6185

■ 215.0640, 19.6884,
-14.9651

■ 27.0840, 42.8496,
-23.7527

■ 240.4700, 7.1633,
-10.9362

■ 10.1460, 38.8750,
-8.8980

■ 11.4050, 25.9293,
-10.0022

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 112.4170, 54.5174,
-32.8147

■ 112.4170, 54.5174,
-32.8147

■ 95.8600, 62.6800,
-37.5882

■ 128.9740, 46.3548,
-28.0412

■ 79.0040, 70.9900,
-42.9765

■ 145.8300, 38.0448,
-22.6529

■ 62.4470, 79.1526,
-47.7500

■ 162.3870, 29.8822,
-17.8794

■ 56.5330, 82.0682,
-49.5794

■ 178.9440, 21.7196,
-13.1059

■ 195.8000, 13.4096,
-7.7176

■ 212.3570, 5.2470,
-2.9441

■ 228.9140, -2.9156,
1.8294

■ 245.4710,
-11.0782, 6.6029

■ 251.3520,
-13.9775, 3.1993

Harmonies

Analogous

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



101.8290, 62.6953, -89.3040



112.4170, 54.5174, -32.8147



119.9120, 34.0604, 42.1732

Triad

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



112.4170, 54.5174, -32.8147



110.3920, -41.1123, 73.3242



94.0530, 2.4389, -82.4845

Complementary

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



112.4170, 54.5174, -32.8147



185.5830, -54.5174, 32.8147

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.



86.4740, -22.9117, -71.4527



112.4170, 54.5174, -32.8147



110.6270, -54.5391, 39.7921

Square

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



112.4170, 54.5174, -32.8147



107.2660, -12.9491, 93.6057



105.6450, -52.0830, -1.4427



101.2520, 27.4838, -88.7980

Rectangle

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



112.4170, 54.5174, -32.8147



114.1520, 20.1381, 74.4117



105.6450, -52.0830, -1.4427



91.1860, -6.0077, -79.9701

Sweetspot

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



112.4170, 54.5174, -32.8147



216.8580, 18.8040, -11.2765



174.5300, 5.6547, -87.2878



104.6430, 11.5150, -6.7029



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.



112.4170, 54.5174, -32.8147



102.4320, 75.2160, -45.1059



102.9350, 59.1920, 7.9500



104.0150, 3.9366, -2.6442



44.7180, 64.7220, -39.2177



11.9290, 17.7830, -10.4617

Inverse Universe

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



123.2420, -6.5283, 87.4878



117.4680, -9.1047, 120.6156



195.0650, -59.1920, -7.9500



104.6310, -0.3111, 6.4626



57.4120, -7.5981, 104.0017



15.6060, -2.2708, 28.4095

Previews

White Background



This preview shows how the YUV color 112.4170, 54.5174, -32.8147 looks on a white background.

Color Contrast Check

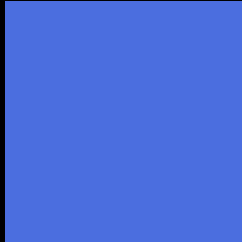
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 112.4170, 54.5174, -32.8147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

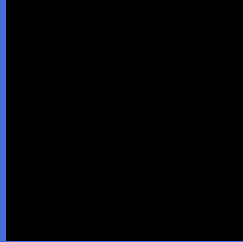
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.4170, 54.5174, -32.8147

Background



This preview shows how black text looks on a background with the YUV color 112.4170, 54.5174, -32.8147.



This preview shows how white text looks on a background with the YUV color 112.4170, 54.5174, -32.8147.

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

112.4170, 54.5174, -32.8147

Protanopia

107.0450, 58.6448, -50.0285

Deuteranopia

93.6790, 56.8533, -82.1565



Tritanopia

92.2700, 23.5309, -80.9208

Trichromacy



Original Color

112.4170, 54.5174, -32.8147

Protanomaly

109.0350, 57.1707, -43.8807

Deuteranomaly

100.5610, 55.9254, -64.5130

Tritanomaly

99.6540, 34.6806, -63.7176

Monochromacy



Original Color

112.4170, 54.5174, -32.8147

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.0860, 19.6776, -11.4764

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.4170, 54.5174, -32.8147 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(75, 110, 223)` looks like.

```
.text, #text, p{  
    color:rgb(75, 110, 223)  
}
```

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(75, 110, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 110, 223) }
```

Border

The CSS property to change the border of an element to YUV 112.4170, 54.5174, -32.8147 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(75, 110, 223) }
```


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

```
.border{ border-color:rgb(75, 110, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 110, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 110, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 110, 223);  
box-shadow:4px 4px 4px 4px rgb(75, 110,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 112.4170, 54.5174, -32.8147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 110, 223) }
```

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

```
.background{ background-color: rgb(75, 110,  
223) }
```

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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