

Converting Colors

YUV(126.1150, 62.5543,
-43.9509)

Have a look what the booklet for
YUV(126.1150, 62.5543, -43.9509)
contains.

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Color

**YUV(126.1150, 62.5543,
-43.9509)**

Conversions

Conversions Part 1

Format	Color
Hex	4C7FFD
RGB	76, 127, 253
RGB Percent	30%, 50%, 99%
CMY	0.7020, 0.5020, 0.0078
CMYK	0.70, 0.50, 0.00, 0.01
HSL	223°, 98%, 65%
HSV	223°, 70%, 99%
XYZ	28.2995, 23.8071, 96.0322
YIQ	126.1150, -70.8420, 28.3740

Conversions

Conversions Part 2

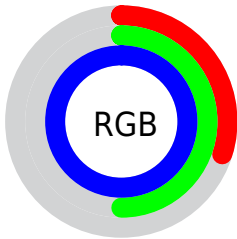
Format	Color
RYB	76, 116, 253
Decimal	5013501
CIELab	55.89, 23.99, -67.84
CIELCh	56, 71.960, 289.471
Yxy	23.8071, 0.1910, 0.1607
Android (android.graphics.Color)	4283203581 (0xFF4C7FFD)
YUV	126.1150, 62.5543, -43.9509
Hunter-Lab	48.7925, 18.1425, -82.5383

Details

The YUV color **126.1150, 62.5543, -43.9509** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **202.8850, -62.5543, 43.9509**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.9000, 38.5033, -29.7303**, and **68.6030, 62.3137, -60.1648** is the 20% darker color. If you saturate the color by 10%, you get **108.0740, 71.4485, -50.0539**, and if you desaturate by 10%, it is **144.1560, 53.6601, -37.8478**.

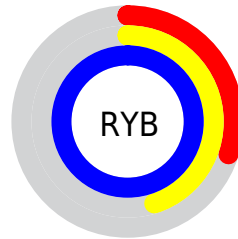
Distribution



Red (30%)

Green (50%)

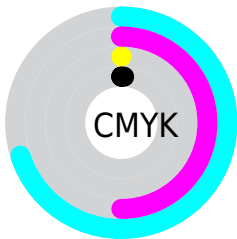
Blue (99%)



Red (30%)

Yellow (45%)

Blue (99%)

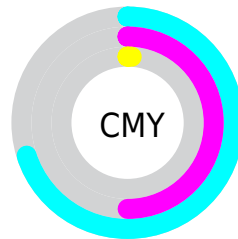


Cyan (70%)

Magenta (50%)

Yellow (0%)

Black (1%)



Cyan (70%)

Magenta (50%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.1150, 62.5543, -43.9509 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 126.1150, 62.5543, -43.9509 by changing the saturation by 10% instead.

■ 126.1150, 62.5543,
-43.9509

■ 126.1150, 62.5543,
-43.9509

255.0000, 0.0000,
0.0000

■ 93.7820, 64.1975,
-57.6908

■ 176.9000, 38.5033,
-29.7303

■ 68.6030, 62.3137,
-60.1648

■ 202.9040, 25.6833,
-24.4718

■ 52.6110, 56.8868,
-46.1398

■ 228.6090, 13.0108,
-19.8281

■ 37.6790, 50.4443,
-33.0445

■ 249.6180, 2.6533,
-11.0660

■ 24.1490, 44.2965,
-21.1787

■ 14.8420, 36.5599,
-13.0164

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 126.1150, 62.5543,
-43.9509

■ 126.1150, 62.5543,
-43.9509

■ 108.0740, 71.4485,
-50.0539

■ 144.1560, 53.6601,
-37.8478

■ 89.7340, 80.4901,
-56.7717

■ 162.4960, 44.6185,
-31.1300

■ 71.6930, 89.3844,
-62.8748

■ 180.5370, 35.7243,
-25.0269

■ 198.5780, 26.8300,
-18.9239

■ 216.9180, 17.7884,
-12.2061

■ 234.9590, 8.8942,
-6.1030

■ 253.0000, 0.0000,
0.0000

■ 254.7720, -0.8736,
0.2000

Harmonies

Analogous

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



115.9460, 68.5536, -101.6846



126.1150, 62.5543, -43.9509



136.5900, 39.1491, 43.3326

Triad

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



126.1150, 62.5543, -43.9509



126.3610, -44.0550, 83.8754



106.3460, 1.3084, -93.2654

Complementary

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



126.1150, 62.5543, -43.9509



202.8850, -62.5543, 43.9509

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.



104.5580, -30.3481, -66.2644



126.1150, 62.5543, -43.9509



126.0210, -62.1284, 47.3396

Square

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



126.1150, 62.5543, -43.9509



122.3430, -12.9871, 105.8162



120.7180, -59.5140, 2.0013



114.9300, 29.1215, -100.7936

Rectangle

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



126.1150, 62.5543, -43.9509



130.8090, 23.7582, 79.9745



120.7180, -59.5140, 2.0013



103.2510, -8.0117, -90.5511

Sweetspot

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



126.1150, 62.5543, -43.9509



216.5480, 18.9568, -13.6356



194.0350, 2.9407, -103.5167



104.9310, 11.3730, -7.8325



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.



126.1150, 62.5543, -43.9509



101.7900, 75.5325, -53.3128



106.6430, 72.1540, 3.8211



118.2430, 4.8102, -2.8441



54.0590, 67.5119, -47.4097



17.8620, 22.7460, -15.6650

Inverse Universe

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



134.7370, -3.8143, 103.7167



112.0540, -4.4636, 125.3636



222.3570, -72.1540, -3.8211



119.2290, -0.6059, 7.6922



63.3790, -4.1308, 111.9236



21.1880, -1.5717, 37.5461

Previews

White Background



This preview shows how the YUV color 126.1150, 62.5543, -43.9509 looks on a white background.

Color Contrast Check

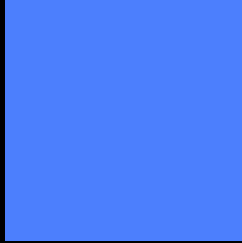
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.1150, 62.5543, -43.9509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

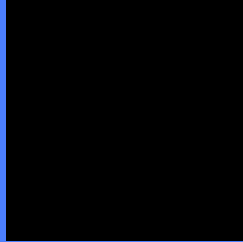
Any Text WCAG AA ✓ Pass

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 126.1150, 62.5543, -43.9509 Background



This preview shows how black text looks on a background with the YUV color 126.1150, 62.5543, -43.9509.

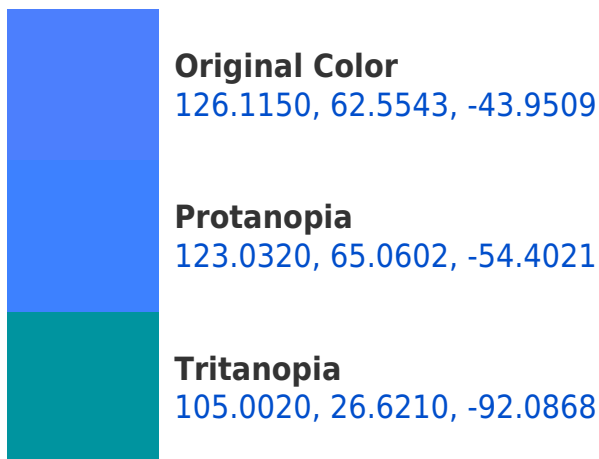


This preview shows how white text looks on a background with the YUV color 126.1150, 62.5543, -43.9509.

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



Trichromacy



Original Color

126.1150, 62.5543, -43.9509

Protanomaly

123.8260, 64.1758, -50.7134

Tritanomaly

112.5540, 39.6599, -74.1539

Monochromacy



Original Color

126.1150, 62.5543, -43.9509

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.8620, 22.7460, -15.6650

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.1150, 62.5543, -43.9509 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(76, 127, 253)` looks like.

```
.text, #text, p{  
    color:rgb(76, 127, 253)  
}
```

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(76, 127, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 127, 253) }
```

Border

The CSS property to change the border of an element to YUV 126.1150, 62.5543, -43.9509 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(76, 127, 253) }
```

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

```
.border{ border-color:rgb(76, 127, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 127, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 127, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 127, 253);  
box-shadow:4px 4px 4px 4px rgb(76, 127,  
253) }
```


Background

The CSS property to change the background color of an element to YUV 126.1150, 62.5543, -43.9509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 127, 253) }
```

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

```
.background{ background-color: rgb(76, 127,  
253) }
```

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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