

Converting Colors

YUV(132.9530, 24.6732,
-27.1458)

Have a look what the booklet for
YUV(132.9530, 24.6732, -27.1458)
contains.

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Color

**YUV(132.9530, 24.6732,
-27.1458)**

Conversions

Conversions Part 1

Format	Color
Hex	668BB7
RGB	102, 139, 183
RGB Percent	40%, 55%, 72%
CMY	0.6000, 0.4549, 0.2824
CMYK	0.44, 0.24, 0.00, 0.28
HSL	213°, 36%, 56%
HSV	213°, 44%, 72%
XYZ	23.2594, 24.7089, 48.3431
YIQ	132.9530, -36.1760, 5.8400

Conversions

Conversions Part 2

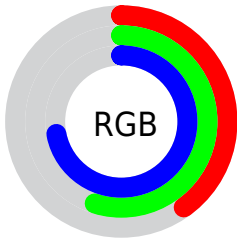
Format	Color
R _Y B	102, 127, 183
Decimal	6720439
CIE Lab	56.79, -1.01, -27.08
CIE LCh	57, 27.094, 267.867
Yxy	24.7089, 0.2415, 0.2566
Android (android.graphics.Color)	4284910519 (0xFF668BB7)
YUV	132.9530, 24.6732, -27.1458
Hunter-Lab	49.7081, -3.4656, -22.8663

Details

The YUV color $132.9530, 24.6732, -27.1458$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $152.0470, -24.6732, 27.1458$, and the grayscale version is $133.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $186.5940, 25.8362, -26.8309$, and $81.4150, 23.9524, -29.3050$ is the 20% darker color. If you saturate the color by 10%, you get $121.7010, 30.2204, -33.0638$, and if you desaturate by 10%, it is $144.2050, 19.1259, -21.2278$.

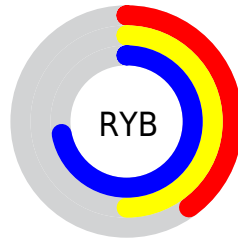
Distribution



Red (40%)

Green (55%)

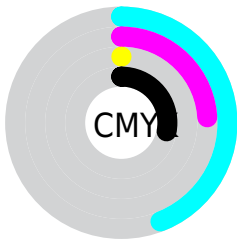
Blue (72%)



Red (40%)

Yellow (50%)

Blue (72%)

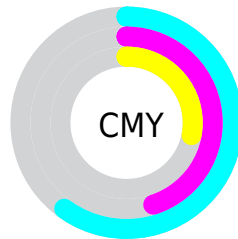


Cyan (44%)

Magenta (24%)

Yellow (0%)

Black (28%)



Cyan (60%)

Magenta (45%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.9530, 24.6732, -27.1458 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 132.9530, 24.6732, -27.1458 by changing the saturation by 10% instead.

■ 132.9530, 24.6732,
-27.1458

■ 132.9530, 24.6732,
-27.1458

255.0000, 0.0000,
0.0000

■ 107.1270, 24.0944,
-28.1754

■ 186.5940, 25.8362,
-26.8309

■ 81.4150, 23.9524,
-29.3050

■ 213.2260, 20.5946,
-25.6312

■ 55.4960, 24.4055,
-34.6380

■ 238.9200, 7.9274,
-22.7318

■ 34.9480, 22.2106,
-30.6494

■ 251.1130, 1.9163,
-7.9921

■ 20.5860, 17.9521,
-18.0539

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 132.9530, 24.6732,
-27.1458

■ 132.9530, 24.6732,
-27.1458

■ 121.7010, 30.2204,
-33.0638

■ 144.2050, 19.1259,
-21.2278

■ 110.1500, 35.9150,
-39.5966

■ 155.7560, 13.4313,
-14.6950

■ 98.8980, 41.4623,
-45.5145

■ 167.0080, 7.8841,
-8.7770

■ 87.6460, 47.0095,
-51.4325

■ 178.2600, 2.3368,
-2.8590

■ 76.3940, 52.5568,
-57.3505

■ 189.8110, -3.3578,
3.6738

■ 70.1700, 55.6252,
-61.5391

■ 201.0630, -8.9051,
9.5917

■ 212.3150,
-14.4523, 15.5097

■ 223.5670,
-19.9995, 21.4277

■ 230.9430,
-23.6359, 21.0980

Harmonies

Analogous

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



125.8100, 24.7437, -49.8224



132.9530, 24.6732, -27.1458



138.1520, 19.6451, -1.0103

Triad

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



132.9530, 24.6732, -27.1458



138.2670, -11.4706, 39.2308



129.3270, -9.5282, -23.9658

Complementary

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



132.9530, 24.6732, -27.1458



152.0470, -24.6732, 27.1458

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.



132.3530, -18.9080, -2.0636



132.9530, 24.6732, -27.1458



136.7470, -19.5953, 31.7939

Square

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



132.9530, 24.6732, -27.1458



139.5190, -0.2559, 35.5018



134.8500, -22.6041, 16.7945



125.1640, 4.3561, -43.9938

Rectangle

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



132.9530, 24.6732, -27.1458



139.4700, 14.0653, 15.3738



134.8500, -22.6041, 16.7945



130.1600, -12.8969, -16.8033

Sweetspot

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



132.9530, 24.6732, -27.1458



217.7520, 9.4893, -10.3065



154.4490, -4.6584, -45.9978



107.8620, 5.9840, -6.0180



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



132.9530, 24.6732, -27.1458



159.4100, 38.2519, -42.4556



112.1310, 34.9384, -6.2539



86.3740, 2.7736, -2.9590



59.4610, 47.5937, -52.1473



10.8230, 8.4683, -9.4918

Inverse Universe

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



130.4370, 4.2216, 46.0978



155.2860, 6.7610, 71.6632



172.8690, -34.9384, 6.2539



86.1470, 0.4205, 5.1331



54.7380, 8.0172, 88.8068



9.8540, 1.5510, 15.9140

Previews

White Background



This preview shows how the YUV color 132.9530, 24.6732, -27.1458 looks on a white background.

Color Contrast Check

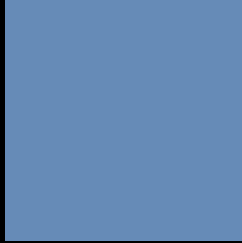
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.9530, 24.6732, -27.1458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

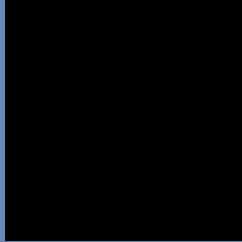
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.9530, 24.6732, -27.1458

Background



This preview shows how black text looks on a background with the YUV color 132.9530, 24.6732, -27.1458.

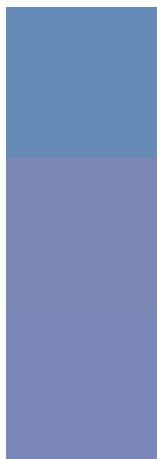


This preview shows how white text looks on a background with the YUV color 132.9530, 24.6732, -27.1458.

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

132.9530, 24.6732, -27.1458

Protanopia

135.8410, 21.2774, -11.2616

Deuteranopia

136.1120, 23.6088, -12.3762



Tritanopia

130.4180, 12.6119, -31.9386

Trichromacy



Original Color

132.9530, 24.6732, -27.1458

Protanomaly

134.7370, 22.3147, -17.3093

Deuteranomaly

135.1930, 24.0619, -17.7093

Tritanomaly

131.2810, 17.1165, -30.0644

Monochromacy



Original Color

132.9530, 24.6732, -27.1458

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9370, 8.9051, -9.5917

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.9530, 24.6732, -27.1458 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(102, 139, 183)` looks like.

```
.text, #text, p{  
    color:rgb(102, 139, 183)  
}
```

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(102, 139, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 139, 183) }
```

Border

The CSS property to change the border of an element to YUV 132.9530, 24.6732, -27.1458 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(102, 139, 183) }
```


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

```
.border{ border-color:rgb(102, 139, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 139, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 139, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 139, 183);  
box-shadow:4px 4px 4px 4px rgb(102, 139,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 132.9530, 24.6732, -27.1458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 139, 183) }
```

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

```
.background{ background-color: rgb(102,  
139, 183) }
```

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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