

Converting Colors

YUV(132.5090, 27.8501,
-66.2214)

Have a look what the booklet for
YUV(132.5090, 27.8501, -66.2214)
contains.

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Color

**YUV(132.5090, 27.8501,
-66.2214)**

Conversions

Conversions Part 1

Format	Color
Hex	39A0BD
RGB	57, 160, 189
RGB Percent	22%, 63%, 74%
CMY	0.7765, 0.3725, 0.2588
CMYK	0.70, 0.15, 0.00, 0.26
HSL	193°, 54%, 48%
HSV	193°, 70%, 74%
XYZ	23.4435, 29.6856, 52.6384
YIQ	132.5090, -70.6970, -12.8170

Conversions

Conversions Part 2

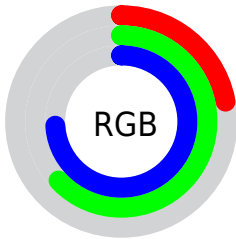
Format	Color
R_{YB}	57, 115, 189
Decimal	3776701
CIE _{Lab}	61.38, -19.98, -23.55
CIE _{LCh}	61, 30.881, 229.696
Yxy	29.6856, 0.2217, 0.2807
Android (android.graphics.Color)	4281966781 (0xFF39A0BD)
YUV	132.5090, 27.8501, -66.2214
Hunter-Lab	54.4845, -18.5433, -19.1420

Details

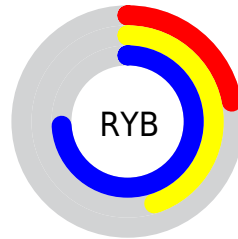
The YUV color **132.5090, 27.8501, -66.2214** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **113.4910, -27.8501, 66.2214**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.0150, 27.1076, -61.4032**, and **78.9000, 28.1503, -69.1953** is the 20% darker color. If you saturate the color by 10%, you get **124.4800, 31.8084, -75.8430**, and if you desaturate by 10%, it is **140.5380, 23.8918, -56.5998**.

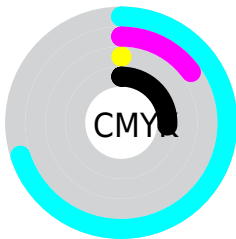
Distribution



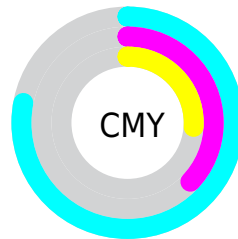
- Red (22%)
- Green (63%)
- Blue (74%)



- Red (22%)
- Yellow (45%)
- Blue (74%)



- Cyan (70%)
- Magenta (15%)
- Yellow (0%)
- Black (26%)



- Cyan (78%)
- Magenta (37%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.5090, 27.8501, -66.2214 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 132.5090, 27.8501, -66.2214 by changing the saturation by 10% instead.

■ 132.5090, 27.8501,
-66.2214

■ 132.5090, 27.8501,
-66.2214

■ 255.0000, 0.0000,
0.0000

■ 98.3220, 31.3933,
-82.7204

■ 190.0150, 27.1076,
-61.4032

■ 78.9000, 28.1503,
-69.1953

■ 216.5610, 18.9504,
-58.3740

■ 61.8480, 23.7389,
-54.2407

■ 232.2760, 11.2029,
-46.7231

■ 45.0240, 20.2012,
-39.4860

■ 241.2460, 6.7807,
-28.2797

■ 29.3740, 16.0846,
-25.7610

■ 250.2160, 2.3585,
-9.8364

■ 11.7180, 14.4360,
-10.2767

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 132.5090, 27.8501,
-66.2214

■ 132.5090, 27.8501,
-66.2214

■ 124.4800, 31.8084,
-75.8430

■ 140.5380, 23.8918,
-56.5998

■ 116.4510, 35.7667,
-85.4645

■ 148.5670, 19.9335,
-46.9783

■ 108.4220, 39.7250,
-95.0861

■ 156.5960, 15.9752,
-37.3567

■ 107.8350, 40.0143,
-94.5713

■ 165.2120, 11.7275,
-28.2499

■ 173.2410, 7.7692,
-18.6284

■ 180.9710, 3.9583,
-9.6216

■ 189.0000, 0.0000,
0.0000

■ 197.0290, -3.9583,
9.6216

■ 205.0580, -7.9166,
19.2431

Harmonies

Analogous

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



130.7510, 17.3778, -67.3106



132.5090, 27.8501, -66.2214



141.7170, 29.2265, -40.9708

Triad

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



132.5090, 27.8501, -66.2214



151.8660, 3.5171, 38.7055



144.4200, -23.8711, 3.1397

Complementary

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



132.5090, 27.8501, -66.2214



113.4910, -27.8501, 66.2214

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.



147.0960, -25.6833, 24.4718



132.5090, 27.8501, -66.2214



150.4680, -9.5977, 45.1936

Square

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



132.5090, 27.8501, -66.2214



152.2470, 15.6542, 19.0774



148.9760, -20.2012, 39.4860



141.0840, -14.3384, -21.1217

Rectangle

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



132.5090, 27.8501, -66.2214



146.9800, 27.1249, -20.1535



148.9760, -20.2012, 39.4860



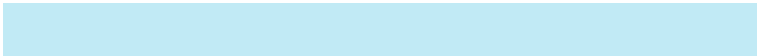
145.4210, -25.3506, 11.0318

Sweetspot

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



132.5090, 27.8501, -66.2214



222.9950, 10.8485, -26.3056



137.7900, -25.5325, -70.8528



109.5080, 6.1586, -15.3545



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.



132.5090, 27.8501, -66.2214



156.9910, 43.3884, -103.4781



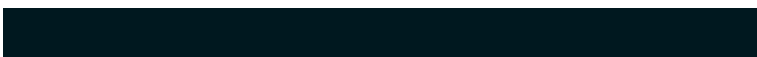
93.7670, 46.9499, -32.2447



90.1350, 1.9054, -4.5034



90.2130, 33.4190, -79.1168



17.6220, 6.5954, -15.4545

Inverse Universe

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



108.2100, 25.5325, 70.8528



118.9480, 39.9586, 110.5476



152.2330, -46.9499, 32.2447



88.4890, 1.7309, 4.8331



61.2640, 30.4358, 84.8375



12.0050, 5.9135, 16.6586

Previews

White Background



This preview shows how the YUV color 132.5090, 27.8501, -66.2214 looks on a white background.

Color Contrast Check

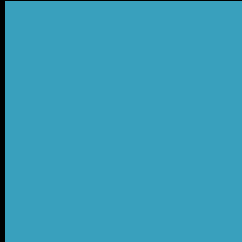
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.5090, 27.8501, -66.2214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

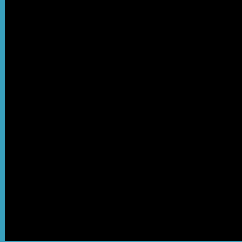
Any Text WCAG AA ✓ Pass

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 132.5090, 27.8501, -66.2214 Background



This preview shows how black text looks on a background with the YUV color 132.5090, 27.8501, -66.2214.



This preview shows how white text looks on a background with the YUV color 132.5090, 27.8501, -66.2214.

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

132.5090, 27.8501, -66.2214

Protanopia

147.9680, 15.2988, -6.9879

Deuteranopia

147.9660, 21.7088, -9.6172



Tritanopia

129.3960, 22.4828, -71.3843

Trichromacy



Original Color

132.5090, 27.8501, -66.2214

Protanomaly

142.3890, 20.0212, -28.4052

Deuteranomaly

142.1160, 24.0998, -29.9197

Tritanomaly

130.2760, 24.5139, -69.5251

Monochromacy



Original Color

132.5090, 27.8501, -66.2214

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.7780, 9.9694, -24.3613

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.5090, 27.8501, -66.2214 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(57, 160, 189)` looks like.

```
.text, #text, p{  
    color:rgb(57, 160, 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(57, 160, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 160, 189) }
```

Border

The CSS property to change the border of an element to YUV 132.5090, 27.8501, -66.2214 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(57, 160, 189) }
```


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

```
.border{ border-color:rgb(57, 160, 189) }
```

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

Here you see how a box with a 4 pixel rgb(57, 160, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 160, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 160, 189);  
box-shadow:4px 4px 4px 4px rgb(57, 160,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 132.5090, 27.8501, -66.2214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 160, 189) }
```

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

```
.background{ background-color: rgb(57, 160,  
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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