

Converting Colors

YUV(90.0190, 51.2626,
-62.2837)

Have a look what the booklet for
YUV(90.0190, 51.2626, -62.2837)
contains.

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Color

**YUV(90.0190, 51.2626,
-62.2837)**

Conversions

Conversions Part 1

Format	Color
Hex	136AC2
RGB	19, 106, 194
RGB Percent	7%, 42%, 76%
CMY	0.9255, 0.5843, 0.2392
CMYK	0.90, 0.45, 0.00, 0.24
HSL	210°, 82%, 42%
HSV	210°, 90%, 76%
XYZ	15.1602, 14.3416, 53.0081
YIQ	90.0190, -80.1000, 8.9240

Conversions

Conversions Part 2

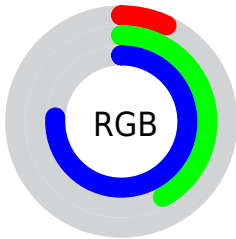
Format	Color
R_{YB}	19, 77, 194
Decimal	1272514
CIE _{Lab}	44.72, 9.44, -52.65
CIE _{LCh}	45, 53.487, 280.166
Yxy	14.3416, 0.1837, 0.1738
Android (android.graphics.Color)	4279462594 (0xFF136AC2)
YUV	90.0190, 51.2626, -62.2837
Hunter-Lab	37.8702, 5.1841, -56.4808

Details

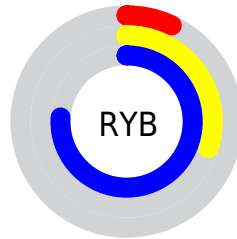
The YUV color **90.0190, 51.2626, -62.2837** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **122.9810, -51.2626, 62.2837**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.6730, 49.4612, -44.4402**, and **51.1800, 43.7883, -44.8849** is the 20% darker color. If you saturate the color by 10%, you get **78.4680, 56.9573, -68.8164**, and if you desaturate by 10%, it is **101.5700, 45.5680, -55.7509**.

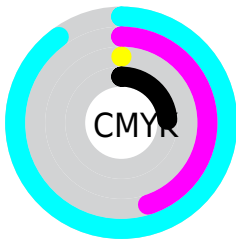
Distribution



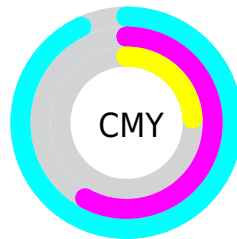
- Red (7%)
- Green (42%)
- Blue (76%)



- Red (7%)
- Yellow (30%)
- Blue (76%)



- Cyan (90%)
- Magenta (45%)
- Yellow (0%)
- Black (24%)



- Cyan (93%)
- Magenta (58%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.0190, 51.2626, -62.2837 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 90.0190, 51.2626, -62.2837 by changing the saturation by 10% instead.

■ 90.0190, 51.2626,
-62.2837

■ 90.0190, 51.2626,
-62.2837

■ 255.0000, 0.0000,
0.0000

■ 67.0580, 48.7784,
-58.8099

■ 150.6730, 49.4612,
-44.4402

■ 51.1800, 43.7883,
-44.8849

■ 175.6600, 39.1146,
-39.1668

■ 35.8890, 38.5087,
-31.4747

■ 201.0660, 26.5895,
-35.1379

■ 21.1850, 32.9398,
-18.5792

■ 226.4720, 14.0643,
-31.1089

■ 11.4050, 25.9293,
-10.0022

■ 245.1330, 4.8644,
-20.2876

■ 6.4350, 17.0405,
-5.6435

■ 254.1030, 0.4422,

■ 2.7530, 8.0098,

-1.8443

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 90.0190, 51.2626,
-62.2837

■ 90.0190, 51.2626,
-62.2837

■ 78.4680, 56.9573,
-68.8164

■ 101.5700, 45.5680,
-55.7509

■ 113.4200, 39.7259,
-48.6033

■ 124.3840, 34.3207,
-41.5558

■ 136.2340, 28.4786,
-34.4082

■ 147.7850, 22.7840,
-27.8754

■ 159.3360, 17.0894,
-21.3427

■ 170.5990, 11.5367,
-13.6803

■ 182.1500, 5.8421,
-7.1475

■ 194.0000, 0.0000,
0.0000

Harmonies

Analogous

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



91.5130, 48.5541, -80.2569



90.0190, 51.2626, -62.2837



108.8780, 32.1051, 15.8930

Triad

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



90.0190, 51.2626, -62.2837



101.4740, -25.3767, 66.2363



81.2240, -3.5614, -71.2334

Complementary

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



90.0190, 51.2626, -62.2837



122.9810, -51.2626, 62.2837

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.



92.4090, -30.7676, -24.9147



90.0190, 51.2626, -62.2837



100.8800, -44.8038, 43.9552

Square

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



90.0190, 51.2626, -62.2837



101.0230, -4.4483, 73.6478



97.7700, -48.2006, 13.3567



87.6420, 15.9525, -76.8620

Rectangle

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



90.0190, 51.2626, -62.2837



107.6060, 21.3932, 45.0725



97.7700, -48.2006, 13.3567



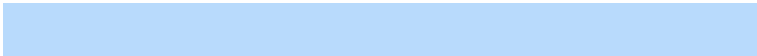
78.9270, -9.8240, -69.2190

Sweetspot

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



90.0190, 51.2626, -62.2837



211.7100, 19.8630, -24.3017



131.7570, -12.2052, -98.8879



103.4140, 12.1209, -14.3951



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.



90.0190, 51.2626, -62.2837



102.6900, 73.6098, -90.0591



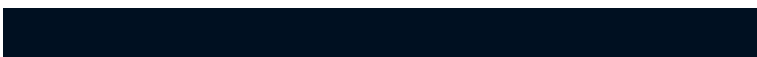
38.9500, 76.4397, -17.4962



91.0750, 2.9210, -3.5738



65.3140, 47.1732, -57.2804



13.1540, 9.7841, -11.5361

Inverse Universe

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



81.2430, 12.2052, 98.8879



89.7120, 17.8900, 142.3266



174.0500, -76.4397, 17.4961



90.5600, 0.7099, 5.6479



57.2590, 11.2113, 90.9809



11.6910, 2.1243, 18.6880

Previews

White Background



This preview shows how the YUV color 90.0190, 51.2626, -62.2837 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 90.0190, 51.2626, -62.2837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

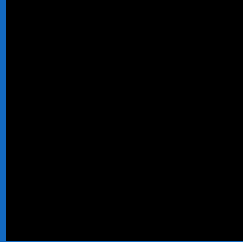
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.0190, 51.2626, -62.2837

Background



This preview shows how black text looks on a background with the YUV color 90.0190, 51.2626, -62.2837.



This preview shows how white text looks on a background with the YUV color 90.0190, 51.2626, -62.2837.

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

90.0190, 51.2626, -62.2837

Protanopia

100.0720, 44.3345, -33.3891

Deuteranopia

84.3550, 51.5900, -73.9793



Tritanopia

82.9290, 20.7410, -72.7287

Trichromacy



Original Color

90.0190, 51.2626, -62.2837

Protanomaly

95.9890, 46.8404, -43.8404

Deuteranomaly

86.6760, 51.4317, -69.8759

Tritanomaly

85.5240, 31.7867, -68.8655

Monochromacy



Original Color

90.0190, 51.2626, -62.2837

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.0800, 18.6946, -22.8722

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.0190, 51.2626, -62.2837 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(19, 106, 194)` looks like.

```
.text, #text, p{  
    color:rgb(19, 106, 194)  
}
```

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(19, 106, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 106, 194) }
```

Border

The CSS property to change the border of an element to YUV 90.0190, 51.2626, -62.2837 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(19, 106, 194) }
```


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

```
.border{ border-color:rgb(19, 106, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 106, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 106, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 106, 194);  
box-shadow:4px 4px 4px 4px rgb(19, 106,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 90.0190, 51.2626, -62.2837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 106, 194) }
```

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

```
.background{ background-color: rgb(19, 106,  
194) }
```

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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