

Converting Colors

YUV(97.8080, 31.1537,
-52.4516)

Have a look what the booklet for
YUV(97.8080, 31.1537, -52.4516)
contains.

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Color

**YUV(97.8080, 31.1537,
-52.4516)**

Conversions

Conversions Part 1

Format	Color
Hex	2674A1
RGB	38, 116, 161
RGB Percent	15%, 45%, 63%
CMY	0.8510, 0.5451, 0.3686
CMYK	0.76, 0.28, 0.00, 0.37
HSL	202°, 62%, 39%
HSV	202°, 76%, 63%
XYZ	13.4777, 15.4761, 35.9950
YIQ	97.8080, -60.9330, -2.5410

Conversions

Conversions Part 2

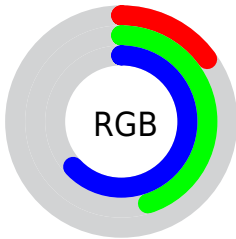
Format	Color
R_{YB}	38, 86, 161
Decimal	2520225
CIE _{Lab}	46.28, -7.71, -30.91
CIE _{LCh}	46, 31.859, 255.990
Yxy	15.4761, 0.2075, 0.2383
Android (android.graphics.Color)	4280710305 (0xFF2674A1)
YUV	97.8080, 31.1537, -52.4516
Hunter-Lab	39.3396, -7.6903, -26.7115

Details

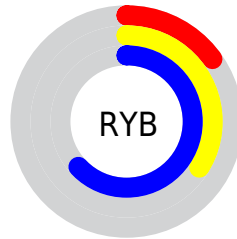
The YUV color **97.8080, 31.1537, -52.4516** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **101.1920, -31.1537, 52.4516**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.4390, 30.8426, -45.9890**, and **52.3420, 27.9324, -45.9039** is the 20% darker color. If you saturate the color by 10%, you get **89.5020, 35.2485, -59.1993**, and if you desaturate by 10%, it is **106.1140, 27.0588, -45.7040**.

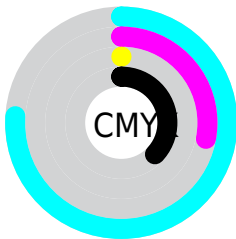
Distribution



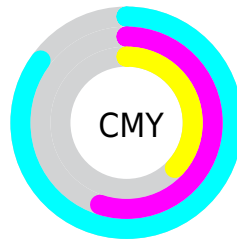
- Red (15%)
- Green (45%)
- Blue (63%)



- Red (15%)
- Yellow (34%)
- Blue (63%)



- Cyan (76%)
- Magenta (28%)
- Yellow (0%)
- Black (37%)



- Cyan (85%)
- Magenta (55%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.8080, 31.1537, -52.4516 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 97.8080, 31.1537, -52.4516 by changing the saturation by 10% instead.

■ 97.8080, 31.1537,
-52.4516

■ 97.8080, 31.1537,
-52.4516

■ 255.0000, 0.0000,
0.0000

■ 68.8070, 32.6331,
-60.3437

■ 153.4390, 30.8426,
-45.9890

■ 52.3420, 27.9324,
-45.9039

■ 181.2650, 31.4214,
-44.9594

■ 36.6920, 23.8158,
-32.1789

■ 207.5120, 23.4116,
-42.5450

■ 22.2160, 19.1205,
-19.4834

■ 233.2060, 10.7444,
-39.6457

■ 6.2070, 16.1669,
-5.4435

■ 243.6380, 5.6015,
-23.3615

■ 2.4110, 6.6994,
-2.1144

■ 252.6080, 1.1793,

■ 0.0000, 0.0000,

-4.9182

0.0000

■ 97.8080, 31.1537,
-52.4516

■ 97.8080, 31.1537,
-52.4516

■ 89.5020, 35.2485,
-59.1993

■ 106.1140, 27.0588,
-45.7040

■ 81.1960, 39.3434,
-65.9469

■ 114.4200, 22.9639,
-38.9563

■ 78.2280, 40.8066,
-68.6060

■ 122.7260, 18.8691,
-32.2087

■ 131.0320, 14.7742,
-25.4611

■ 138.7510, 10.9688,
-18.1986

■ 147.3560, 6.7265,
-10.8362

■ 155.6620, 2.6316,
-4.0886

■ 163.9680, -1.4632,
2.6591

■ 172.2740, -5.5581,
9.4067

Harmonies

Analogous

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



87.7850, 29.1930, -76.9874



97.8080, 31.1537, -52.4516



108.9700, 25.6508, -14.0057

Triad

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



97.8080, 31.1537, -52.4516



110.7390, -7.2663, 44.0789



102.4650, -15.5122, -17.9478

Complementary

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



97.8080, 31.1537, -52.4516



101.1920, -31.1537, 52.4516

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.



106.3170, -24.3133, 4.9840



97.8080, 31.1537, -52.4516



109.7310, -18.6014, 39.7009

Square

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



97.8080, 31.1537, -52.4516



112.5990, 5.1277, 35.4317



108.6230, -24.9571, 24.8866



96.3010, -0.1484, -45.8680

Rectangle

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



97.8080, 31.1537, -52.4516



112.3100, 20.0602, 5.8671



108.6230, -24.9571, 24.8866



103.8960, -19.1757, -9.5558

Sweetspot

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



97.8080, 31.1537, -52.4516



184.6690, 11.9952, -20.7577



115.1030, -16.8128, -67.6193



89.5730, 7.6055, -12.7805



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



97.8080, 31.1537, -52.4516



110.5020, 48.5595, -82.0013



62.5880, 48.5171, -21.5637



77.5480, 2.1948, -3.9886



70.5340, 36.7117, -61.8583



8.5090, 4.6791, -7.4624

Inverse Universe

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



83.6690, 15.9392, 67.8193



88.3160, 24.9872, 105.8399



136.4120, -48.5171, 21.5637



76.3750, 1.2941, 4.9331



53.8430, 18.8114, 79.9447



6.6360, 2.1515, 9.9662

Previews

White Background



This preview shows how the YUV color 97.8080, 31.1537, -52.4516 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 97.8080, 31.1537, -52.4516 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 97.8080, 31.1537, -52.4516

Background



This preview shows how black text looks on a background with the YUV color 97.8080, 31.1537, -52.4516.

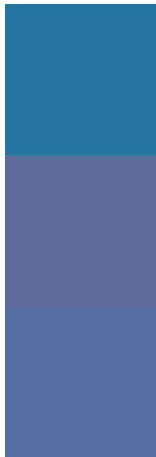


This preview shows how white text looks on a background with the YUV color 97.8080, 31.1537,

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

97.8080, 31.1537, -52.4516

Protanopia

108.7700, 22.2984, -12.0763

Deuteranopia

107.9800, 27.1249, -20.1535



Tritanopia

85.9610, 22.2042, -75.3878

Trichromacy



Original Color

97.8080, 31.1537, -52.4516

Protanomaly

104.5940, 25.8362, -26.8309

Deuteranomaly

104.5440, 28.3258, -32.0491

Tritanomaly

90.2270, 25.5241, -66.8511

Monochromacy



Original Color

97.8080, 31.1537, -52.4516

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.1530, 11.2636, -19.4282

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.8080, 31.1537, -52.4516 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(38, 116, 161)` looks like.

```
.text, #text, p{  
    color:rgb(38, 116, 161)  
}
```

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(38, 116, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 116, 161) }
```

Border

The CSS property to change the border of an element to YUV 97.8080, 31.1537, -52.4516 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(38, 116, 161) }
```


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

```
.border{ border-color:rgb(38, 116, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 116, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 116, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 116, 161);  
box-shadow:4px 4px 4px 4px rgb(38, 116,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 97.8080, 31.1537, -52.4516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 116, 161) }
```

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

```
.background{ background-color: rgb(38, 116,  
161) }
```

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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