

Converting Colors

YUV(97.3160, 57.5252,
-64.2981)

Have a look what the booklet for
YUV(97.3160, 57.5252, -64.2981)
contains.

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Color

**YUV(97.3160, 57.5252,
-64.2981)**

Conversions

Conversions Part 1

Format	Color
Hex	1870D6
RGB	24, 112, 214
RGB Percent	9%, 44%, 84%
CMY	0.9059, 0.5608, 0.1608
CMYK	0.89, 0.48, 0.00, 0.16
HSL	212°, 80%, 47%
HSV	212°, 89%, 84%
XYZ	18.3085, 16.6376, 65.8647
YIQ	97.3160, -85.1900, 13.0660

Conversions

Conversions Part 2

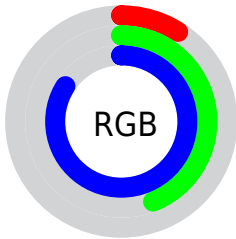
Format	Color
R _Y B	24, 84, 214
Decimal	1601750
CIE Lab	47.80, 13.76, -59.15
CIE LCh	48, 60.726, 283.099
Yxy	16.6376, 0.1816, 0.1650
Android (android.graphics.Color)	4279791830 (0xFF1870D6)
YUV	97.3160, 57.5252, -64.2981
Hunter-Lab	40.7892, 8.7397, -67.1867

Details

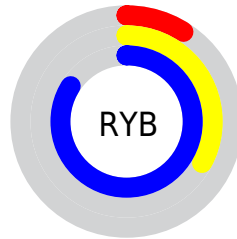
The YUV color **97.3160, 57.5252, -64.2981** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **140.6840, -57.5252, 64.2981**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.7440, 48.4402, -43.6255**, and **56.1670, 50.2037, -49.2585** is the 20% darker color. If you saturate the color by 10%, you get **84.5800, 63.8041, -71.5457**, and if you desaturate by 10%, it is **110.0520, 51.2464, -57.0506**.

Distribution



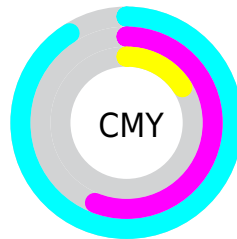
- Red (9%)
- Green (44%)
- Blue (84%)



- Red (9%)
- Yellow (33%)
- Blue (84%)



- Cyan (89%)
- Magenta (48%)
- Yellow (0%)
- Black (16%)



- Cyan (91%)
- Magenta (56%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.3160, 57.5252, -64.2981 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 97.3160, 57.5252, -64.2981 by changing the saturation by 10% instead.

■ 97.3160, 57.5252,
-64.2981

■ 97.3160, 57.5252,
-64.2981

255.0000, 0.0000,
0.0000

■ 72.8600, 55.7780,
-63.8982

■ 156.7440, 48.4402,
-43.6255

■ 56.1670, 50.2037,
-49.2585

■ 182.1610, 35.9096,
-37.8522

■ 40.8760, 44.9241,
-35.8483

■ 207.5670, 23.3845,
-33.8233

■ 27.3460, 38.7764,
-23.9824

■ 233.2720, 10.7119,
-29.1795

■ 13.3430, 33.3549,
-11.7018

■ 247.8240, 3.5378,
-14.7546

■ 9.4330, 23.4505,
-8.2727

■ 5.0500, 14.2723,

-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 97.3160, 57.5252,
-64.2981

■ 97.3160, 57.5252,
-64.2981

■ 84.5800, 63.8041,
-71.5457

■ 110.0520, 51.2464,
-57.0506

■ 82.5090, 64.8251,
-72.3604

■ 123.6740, 44.5307,
-49.7031

■ 136.4100, 38.2519,
-42.4556

■ 150.0320, 31.5362,
-35.1081

■ 162.7680, 25.2574,
-27.8605

■ 176.0910, 18.6891,
-21.1278

■ 189.1260, 12.2629,
-13.2655

■ 202.4490, 5.6946,
-6.5328

■ 215.4840, -0.7316,
1.3295

Harmonies

Analogous

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



98.7170, 55.8485, -86.5748



97.3160, 57.5252, -64.2981



116.5460, 35.7198, 23.2002

Triad

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



97.3160, 57.5252, -64.2981



107.7370, -30.9293, 73.8987



88.5930, -3.2503, -77.6961

Complementary

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



97.3160, 57.5252, -64.2981



140.6840, -57.5252, 64.2981

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.



95.4740, -32.7717, -35.4957



97.3160, 57.5252, -64.2981



106.5400, -52.5242, 46.8844

Square

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



97.3160, 57.5252, -64.2981



105.6440, -6.2335, 86.2582



103.9500, -51.2473, 10.5679



95.8090, 19.3212, -84.0245

Rectangle

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



97.3160, 57.5252, -64.2981



113.8400, 23.2499, 56.2683



103.9500, -51.2473, 10.5679



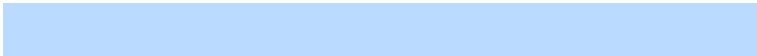
85.3670, -10.5339, -74.8669

Sweetspot

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



97.3160, 57.5252, -64.2981



212.6500, 20.8786, -23.3720



147.0440, -10.8677, -107.9096



102.8270, 12.4103, -13.8803



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.



97.3160, 57.5252, -64.2981



98.3360, 77.2354, -86.2407



47.4540, 82.1072, -15.3072



100.1890, 3.3578, -3.6738



65.8670, 51.8306, -57.7654



16.6420, 12.9945, -14.5950

Inverse Universe

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



90.8420, 10.4309, 108.0096



89.6970, 13.9534, 144.9707



190.5460, -82.1072, 15.3072



99.8590, 0.5625, 6.2627



60.1350, 9.3004, 97.2286



15.1370, 2.3975, 24.4359

Previews

White Background



This preview shows how the YUV color 97.3160, 57.5252, -64.2981 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 97.3160, 57.5252, -64.2981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

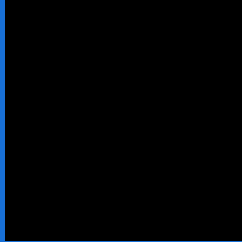
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

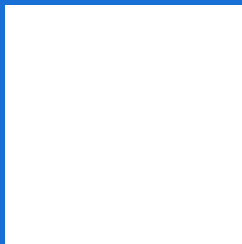
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 97.3160, 57.5252, -64.2981

Background



This preview shows how black text looks on a background with the YUV color 97.3160, 57.5252, -64.2981.



This preview shows how white text looks on a background with the YUV color 97.3160, 57.5252, -64.2981.

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

97.3160, 57.5252, -64.2981

Protanopia

105.3790, 52.0712, -41.5514

Deuteranopia

90.5330, 54.9532, -79.3974



Tritanopia

88.6510, 22.3571, -77.7469

Trichromacy



Original Color

97.3160, 57.5252, -64.2981

Protanomaly

102.4920, 53.9874, -49.5435

Deuteranomaly

93.0930, 55.6632, -73.7496

Tritanomaly

91.7130, 35.1445, -72.5393

Monochromacy



Original Color

97.3160, 57.5252, -64.2981

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.7640, 21.3153, -23.4720

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.3160, 57.5252, -64.2981 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(24, 112, 214)` looks like.

```
.text, #text, p{  
    color:rgb(24, 112, 214)  
}
```

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(24, 112, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 112, 214) }
```

Border

The CSS property to change the border of an element to YUV 97.3160, 57.5252, -64.2981 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(24, 112, 214) }
```


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

```
.border{ border-color:rgb(24, 112, 214) }
```

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

Here you see how a box with a 4 pixel rgb(24, 112, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 112, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 112, 214);  
box-shadow:4px 4px 4px 4px rgb(24, 112,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 97.3160, 57.5252, -64.2981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 112, 214) }
```

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

```
.background{ background-color: rgb(24, 112,  
214) }
```

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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