

Converting Colors

YUV(51.5080, 22.9206,
-25.0015)

Have a look what the booklet for
YUV(51.5080, 22.9206, -25.0015)
contains.

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Color

**YUV(51.5080, 22.9206,
-25.0015)**

Conversions

Conversions Part 1

Format	Color
Hex	173962
RGB	23, 57, 98
RGB Percent	9%, 22%, 38%
CMY	0.9098, 0.7765, 0.6157
CMYK	0.77, 0.42, 0.00, 0.62
HSL	213°, 62%, 24%
HSV	213°, 77%, 38%
XYZ	4.0211, 3.9903, 12.1135
YIQ	51.5080, -33.4250, 5.5430

Conversions

Conversions Part 2

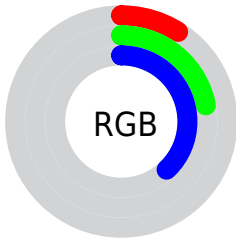
Format	Color
R_{YB}	23, 46, 98
Decimal	1522018
CIE _{Lab}	23.64, 3.36, -27.85
CIE _{LCh}	24, 28.050, 276.888
Yxy	3.9903, 0.1998, 0.1983
Android (android.graphics.Color)	4279712098 (0xFF173962)
YUV	51.5080, 22.9206, -25.0015
Hunter-Lab	19.9756, 0.9746, -21.9715

Details

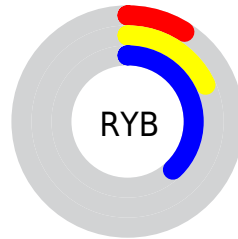
The YUV color **51.5080, 22.9206, -25.0015** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **69.4920, -22.9206, 25.0015**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.0570, 23.6359, -21.0980**, and **14.0320, 18.2252, -12.3061** is the 20% darker color. If you saturate the color by 10%, you get **45.5830, 25.8416, -28.5753**, and if you desaturate by 10%, it is **57.4330, 19.9995, -21.4277**.

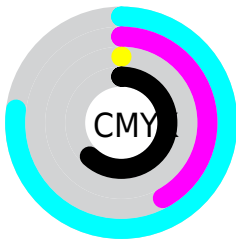
Distribution



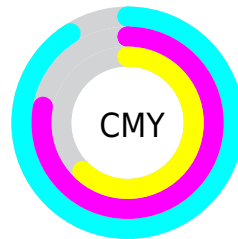
- Red (9%)
- Green (22%)
- Blue (38%)



- Red (9%)
- Yellow (18%)
- Blue (38%)



- Cyan (77%)
- Magenta (42%)
- Yellow (0%)
- Black (62%)



- Cyan (91%)
- Magenta (78%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.5080, 22.9206, -25.0015 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 51.5080, 22.9206, -25.0015 by changing the saturation by 10% instead.

■ 51.5080, 22.9206,
-25.0015

■ 51.5080, 22.9206,
-25.0015

■ 255.0000, 0.0000,
0.0000

■ 29.5680, 21.9050,
-25.9311

■ 101.0570, 23.6359,
-21.0980

■ 14.0320, 18.2252,
-12.3061

■ 126.5840, 24.3621,
-20.6832

■ 4.5940, 12.5252,
-4.0289

■ 152.9970, 24.6515,
-20.1684

■ 0.0000, 0.0000,
0.0000

■ 179.6380, 25.8145,
-19.8535

■ 207.0680, 23.6305,
-19.3536

■ 231.8760, 11.4001,

-16.5543

251.1130, 1.9163,
-7.9921

51.5080, 22.9206,
-25.0015

51.5080, 22.9206,
-25.0015

45.5830, 25.8416,
-28.5753

57.4330, 19.9995,
-21.4277

39.0710, 29.0520,
-31.6343

63.9450, 16.7891,
-18.3688

37.0000, 30.0730,
-32.4490

69.5710, 14.0155,
-15.4098

75.4960, 11.0945,
-11.8360

82.0080, 7.8841,
-8.7770

■ 87.9330, 4.9630,
-5.2032

■ 94.4450, 1.7526,
-2.1443

■ 100.0710, -1.0210,
0.8147

■ 105.9960, -3.9420,
4.3885

Harmonies

Analogous

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



47.8110, 23.2642, -41.9302



51.5080, 22.9206, -25.0015



58.1590, 15.6976, 5.1226

Triad

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



51.5080, 22.9206, -25.0015



55.2230, -11.4489, 32.2534



43.7970, -2.3649, -34.9020

Complementary

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



51.5080, 22.9206, -25.0015



69.4920, -22.9206, 25.0015

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.



51.0470, -14.8132, -8.8112



51.5080, 22.9206, -25.0015



54.9200, -18.6946, 22.8722

Square

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



51.5080, 22.9206, -25.0015



56.0520, -1.9976, 34.1574



53.5500, -20.9771, 8.2877



46.2830, 7.2555, -40.5902

Rectangle

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



51.5080, 22.9206, -25.0015



58.2810, 10.7075, 19.0476



53.5500, -20.9771, 8.2877



48.0820, -7.9284, -23.7509

Sweetspot

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



51.5080, 22.9206, -25.0015



109.0510, 9.3419, -9.6917



71.5850, -4.2324, -42.6090



52.7480, 5.5472, -5.9180



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



51.5080, 22.9206, -25.0015



54.5630, 36.2044, -39.0818



32.1480, 32.4650, -6.2688



45.6300, 1.1684, -1.4295



42.7050, 34.1624, -37.4523



91.3430, 73.2879, -80.1078

Inverse Universe

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



49.3010, 3.7956, 42.7090



51.3240, 5.7563, 67.2449



88.8520, -32.4650, 6.2688



45.4240, 0.2840, 2.2592



39.3020, 5.7671, 63.7561



84.1860, 12.2333, 136.6489

Previews

White Background



This preview shows how the YUV color 51.5080, 22.9206, -25.0015 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 ✓ Pass

Black Background



This preview shows how the YUV color 51.5080, 22.9206, -25.0015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

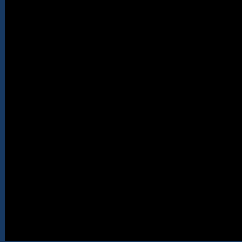
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.5080, 22.9206, -25.0015

Background



This preview shows how black text looks on a background with the YUV color 51.5080, 22.9206, -25.0015.



This preview shows how white text looks on a background with the YUV color 51.5080, 22.9206,

-25.0015.

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

51.5080, 22.9206, -25.0015

Protanopia

54.8900, 20.2672, -13.9355

Deuteranopia

51.5080, 22.9206, -25.0015



Tritanopia

44.6190, 11.0338, -39.1309

Trichromacy



Original Color

51.5080, 22.9206, -25.0015

Protanomaly

53.7970, 21.2991, -18.2390

Deuteranomaly

51.5080, 22.9206, -25.0015

Tritanomaly

47.0910, 15.2381, -34.2828

Monochromacy



Original Color

51.5080, 22.9206, -25.0015

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.8230, 8.4683, -9.4918

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.5080, 22.9206, -25.0015 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(23, 57, 98)` looks like.

```
.text, #text, p{  
    color:rgb(23, 57, 98)  
}
```

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(23, 57, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 57, 98) }
```

Border

The CSS property to change the border of an element to YUV 51.5080, 22.9206, -25.0015 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(23, 57, 98) }
```


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

```
.border{ border-color:rgb(23, 57, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 57, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 57, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 57, 98);  
box-shadow:4px 4px 4px 4px rgb(23, 57, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.5080, 22.9206, -25.0015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 57, 98) }
```

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

```
.background{ background-color: rgb(23, 57,  
98) }
```

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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