

Converting Colors

YUV(51.6310, 29.7619,
-25.9864)

Have a look what the booklet for
YUV(51.6310, 29.7619, -25.9864)
contains.

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Color

**YUV(51.6310, 29.7619,
-25.9864)**

Conversions

Conversions Part 1

Format	Color
Hex	163770
RGB	22, 55, 112
RGB Percent	9%, 22%, 44%
CMY	0.9137, 0.7843, 0.5608
CMYK	0.80, 0.51, 0.00, 0.56
HSL	218°, 67%, 26%
HSV	218°, 80%, 44%
XYZ	4.6217, 4.0728, 15.8718
YIQ	51.6310, -37.9650, 10.7310

Conversions

Conversions Part 2

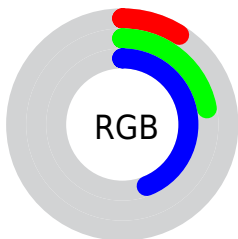
Format	Color
R_{YB}	22, 46, 112
Decimal	1455984
CIE _{Lab}	23.91, 10.47, -36.45
CIE _{LCh}	24, 37.919, 286.027
Yxy	4.0728, 0.1881, 0.1658
Android (android.graphics.Color)	4279646064 (0xFF163770)
YUV	51.6310, 29.7619, -25.9864
Hunter-Lab	20.1812, 5.5612, -32.5026

Details

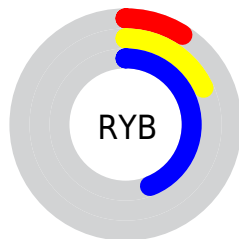
The YUV color **51.6310, 29.7619, -25.9864** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **82.3690, -29.7619, 25.9864**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.9030, 30.6138, -19.2089**, and **14.3400, 24.4824, -12.5762** is the 20% darker color. If you saturate the color by 10%, you get **44.2330, 33.4091, -29.1453**, and if you desaturate by 10%, it is **59.0290, 26.1147, -22.8274**.

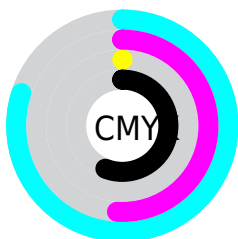
Distribution



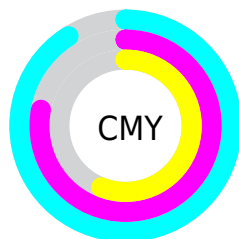
- Red (9%)
- Green (22%)
- Blue (44%)



- Red (9%)
- Yellow (18%)
- Blue (44%)



- Cyan (80%)
- Magenta (51%)
- Yellow (0%)
- Black (56%)



- Cyan (91%)
- Magenta (78%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.6310, 29.7619, -25.9864 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 51.6310, 29.7619, -25.9864 by changing the saturation by 10% instead.

■ 51.6310, 29.7619,
-25.9864

■ 51.6310, 29.7619,
-25.9864

■ 255.0000, 0.0000,
0.0000

■ 29.8760, 28.1621,
-26.2013

■ 101.9030, 30.6138,
-19.2089

■ 14.3400, 24.4824,
-12.5762

■ 127.8430, 31.6294,
-18.2793

■ 6.4350, 17.0405,
-5.6435

■ 154.3700, 32.3556,
-17.8645

■ 2.7530, 8.0098,
-2.4144

■ 181.7830, 32.6450,
-17.3497

■ 0.0000, 0.0000,
0.0000

■ 206.8020, 23.7616,
-14.7354

■ 231.9090, 11.3839,

-11.3212

252.9070, 1.0318,
-4.3034

51.6310, 29.7619,
-25.9864

51.6310, 29.7619,
-25.9864

44.2330, 33.4091,
-29.1453

59.0290, 26.1147,
-22.8274

36.8350, 37.0563,
-32.3043

66.4270, 22.4675,
-19.6685

74.1240, 18.6729,
-15.8947

81.5220, 15.0257,
-12.7358

88.9200, 11.3784,
-9.5768

■ 96.9050, 7.4418,
-6.9327

■ 104.3030, 3.7946,
-3.7737

■ 112.0000, 0.0000,
0.0000

■ 119.3980, -3.6472,
3.1590

Harmonies

Analogous

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



50.3360, 30.4004, -44.1447



51.6310, 29.7619, -25.9864



58.7350, 18.8646, 16.0184

Triad

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



51.6310, 29.7619, -25.9864



53.7310, -18.6014, 39.7009



45.2910, -1.6225, -39.7202

Complementary

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



51.6310, 29.7619, -25.9864



82.3690, -29.7619, 25.9864

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.



46.2040, -16.3696, -22.9809



51.6310, 29.7619, -25.9864



54.1560, -26.6989, 23.5422

Square

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



51.6310, 29.7619, -25.9864



52.7440, -4.8038, 47.5825



51.9640, -25.6183, 3.5396



49.2980, 11.1921, -43.2343

Rectangle

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



51.6310, 29.7619, -25.9864



56.4230, 12.1165, 33.8320



51.9640, -25.6183, 3.5396



43.5640, -5.7011, -38.2056

Sweetspot

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



51.6310, 29.7619, -25.9864



121.6210, 11.5258, -10.1916



81.3280, -1.1477, -52.0307



59.5030, 7.1470, -5.7031



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



51.6310, 29.7619, -25.9864



51.7830, 45.9560, -40.1517



35.8480, 37.5429, -1.6207



52.4450, 1.7526, -2.1443



39.5080, 39.6826, -34.6485



81.5750, 81.5545, -71.5413

Inverse Universe

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



52.6720, 1.1477, 52.0307



53.3750, 1.7871, 80.3551



98.1520, -37.5429, 1.6207



52.1360, 0.4260, 3.3887



40.8960, 1.5303, 69.3742



84.2270, 3.3391, 142.7519

Previews

White Background



This preview shows how the YUV color 51.6310, 29.7619, -25.9864 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 51.6310, 29.7619, -25.9864 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 51.6310, 29.7619, -25.9864

Background



This preview shows how black text looks on a background with the YUV color 51.6310, 29.7619, -25.9864.



This preview shows how white text looks on a background with the YUV color 51.6310, 29.7619,

-25.9864.

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

51.6310, 29.7619, -25.9864

Protanopia

51.3320, 29.9093, -26.6012

Deuteranopia

45.5600, 27.3319, -39.9561



Tritanopia

44.7330, 11.4706, -39.2308

Trichromacy



Original Color

51.6310, 29.7619, -25.9864

Protanomaly

51.3320, 29.9093, -26.6012

Deuteranomaly

47.8210, 28.1892, -34.9230

Tritanomaly

47.1880, 18.1483, -34.3679

Monochromacy



Original Color

51.6310, 29.7619, -25.9864

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.8060, 10.9416, -9.4769

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.6310, 29.7619, -25.9864 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(22, 55, 112)` looks like.

```
.text, #text, p{  
    color:rgb(22, 55, 112)  
}
```

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(22, 55, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 55, 112) }
```

Border

The CSS property to change the border of an element to YUV 51.6310, 29.7619, -25.9864 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(22, 55, 112) }
```


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

```
.border{ border-color:rgb(22, 55, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 55, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 55, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 55, 112);  
box-shadow:4px 4px 4px 4px rgb(22, 55,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 51.6310, 29.7619, -25.9864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 55, 112) }
```

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

```
.background{ background-color: rgb(22, 55,  
112) }
```

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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