

Converting Colors

YUV(104.8930, 25.6888,
-26.2162)

Have a look what the booklet for
YUV(104.8930, 25.6888, -26.2162)
contains.

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Color

**YUV(104.8930, 25.6888,
-26.2162)**

Conversions

Conversions Part 1

Format	Color
Hex	4B6E9D
RGB	75, 110, 157
RGB Percent	29%, 43%, 62%
CMY	0.7059, 0.5686, 0.3843
CMYK	0.52, 0.30, 0.00, 0.38
HSL	214°, 35%, 45%
HSV	214°, 52%, 62%
XYZ	14.5634, 15.0820, 34.0418
YIQ	104.8930, -35.9470, 7.1970

Conversions

Conversions Part 2

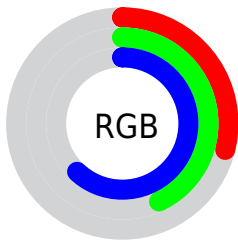
Format	Color
R_{YB}	75, 100, 157
Decimal	4943517
CIE _{Lab}	45.75, 1.41, -29.28
CIE _{LCh}	46, 29.317, 272.749
Yxy	15.0820, 0.2287, 0.2368
Android (android.graphics.Color)	4283133597 (0xFF4B6E9D)
YUV	104.8930, 25.6888, -26.2162
Hunter-Lab	38.8356, -1.0246, -24.7865

Details

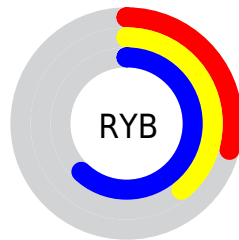
The YUV color **104.8930, 25.6888, -26.2162** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **127.1070, -25.6888, 26.2162**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.2460, 26.9937, -24.7717**, and **53.4360, 25.4211, -33.7084** is the 20% darker color. If you saturate the color by 10%, you get **94.8260, 30.6518, -31.4194**, and if you desaturate by 10%, it is **114.9600, 20.7257, -21.0129**.

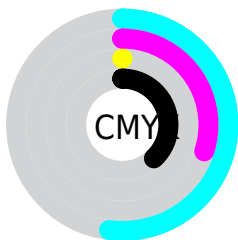
Distribution



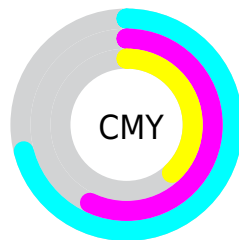
- Red (29%)
- Green (43%)
- Blue (62%)



- Red (29%)
- Yellow (39%)
- Blue (62%)



- Cyan (52%)
- Magenta (30%)
- Yellow (0%)
- Black (38%)



- Cyan (71%)
- Magenta (57%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.8930, 25.6888, -26.2162 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 104.8930, 25.6888, -26.2162 by changing the saturation by 10% instead.

■ 104.8930, 25.6888,
-26.2162

■ 104.8930, 25.6888,
-26.2162

■ 255.0000, 0.0000,
0.0000

■ 79.7680, 25.2574,
-27.8605

■ 157.2460, 26.9937,
-24.7717

■ 53.4360, 25.4211,
-33.7084

■ 184.3600, 27.4305,
-24.8717

■ 33.3010, 23.5156,
-29.2050

■ 210.8780, 21.7521,
-23.5720

■ 18.9390, 19.2571,
-16.6095

■ 235.6860, 9.5218,
-20.7726

■ 5.2780, 15.1459,
-4.6288

■ 251.1130, 1.9163,
-7.9921

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,

0.0000

■ 104.8930, 25.6888,
-26.2162

■ 104.8930, 25.6888,
-26.2162

■ 94.8260, 30.6518,
-31.4194

■ 114.9600, 20.7257,
-21.0129

■ 85.0580, 35.4674,
-36.0079

■ 124.7280, 15.9101,
-16.4245

■ 74.9910, 40.4304,
-41.2111

■ 134.7950, 10.9471,
-11.2212

■ 64.9240, 45.3935,
-46.4143

■ 144.8620, 5.9840,
-6.0180

■ 57.2270, 49.1881,
-50.1881

■ 154.9290, 1.0210,
-0.8147

■ 164.6970, -3.7946,
3.7737

■ 174.7640, -8.7577,
8.9770

■ 184.8310,
-13.7207, 14.1802

■ 194.5990,
-18.5363, 18.7687

Harmonies

Analogous

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



92.4710, 28.8548, -61.8031



104.8930, 25.6888, -26.2162



110.4730, 19.4868, 3.0932

Triad

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



104.8930, 25.6888, -26.2162



109.5120, -13.0704, 39.0160



99.2770, -7.0386, -29.1839

Complementary

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



104.8930, 25.6888, -26.2162



127.1070, -25.6888, 26.2162

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.



103.7330, -18.6024, -6.7818



104.8930, 25.6888, -26.2162



107.9810, -21.1896, 29.8347

Square

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



104.8930, 25.6888, -26.2162



110.4870, -1.7191, 38.1609



106.6000, -23.4668, 13.5058



91.3410, 9.1989, -57.3041

Rectangle

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



104.8930, 25.6888, -26.2162



111.2640, 13.1808, 19.0625



106.6000, -23.4668, 13.5058



101.1810, -11.4282, -21.2067

Sweetspot

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



104.8930, 25.6888, -26.2162



182.9800, 10.3629, -10.5065



128.3780, -3.6374, -46.8125



89.8620, 5.9840, -6.0180



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



104.8930, 25.6888, -26.2162



121.9910, 40.4304, -41.2111



85.8430, 35.0804, -5.1243



74.2600, 2.3368, -2.8590



52.1090, 44.8093, -45.6996



5.8190, 4.5262, -5.1033

Inverse Universe

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



103.5080, 3.2006, 46.9125



119.8410, 5.0084, 73.8074



146.1570, -35.0804, 5.1243



73.8480, 0.5679, 4.5183



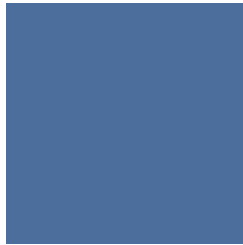
49.7110, 5.5655, 81.8145



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 104.8930, 25.6888, -26.2162 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 104.8930, 25.6888, -26.2162 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 104.8930, 25.6888, -26.2162 Background



This preview shows how black text looks on a background with the YUV color 104.8930, 25.6888, -26.2162.

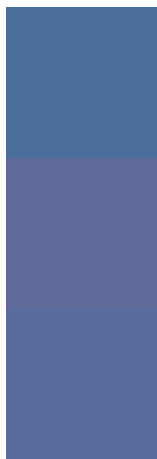


This preview shows how white text looks on a background with the YUV color 104.8930, 25.6888, -26.2162.

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

104.8930, 25.6888, -26.2162

Protanopia

107.5850, 22.8826, -12.7910

Deuteranopia

106.8340, 25.2248, -17.3944



Tritanopia

101.4780, 11.5963, -32.8682

Trichromacy



Original Color

104.8930, 25.6888, -26.2162

Protanomaly

106.1930, 24.0619, -17.7093

Deuteranomaly

106.2250, 25.5251, -20.3683

Tritanomaly

102.8680, 16.8271, -30.5792

Monochromacy



Original Color

104.8930, 25.6888, -26.2162

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.0510, 9.3419, -9.6917

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.8930, 25.6888, -26.2162 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(75, 110, 157)` looks like.

```
.text, #text, p{  
    color:rgb(75, 110, 157)  
}
```

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(75, 110, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 110, 157) }
```

Border

The CSS property to change the border of an element to YUV 104.8930, 25.6888, -26.2162 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(75, 110, 157) }
```


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

```
.border{ border-color:rgb(75, 110, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 110, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 110, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 110, 157);  
box-shadow:4px 4px 4px 4px rgb(75, 110,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 104.8930, 25.6888, -26.2162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 110, 157) }
```

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

```
.background{ background-color: rgb(75, 110,  
157) }
```

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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