

Converting Colors

YUV(96.4580, 25.4102,
-30.2197)

Have a look what the booklet for
YUV(96.4580, 25.4102, -30.2197)
contains.

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Color

**YUV(96.4580, 25.4102,
-30.2197)**

Conversions

Conversions Part 1

Format	Color
Hex	3E6894
RGB	62, 104, 148
RGB Percent	24%, 41%, 58%
CMY	0.7569, 0.5922, 0.4196
CMYK	0.58, 0.30, 0.00, 0.42
HSL	211°, 41%, 41%
HSV	211°, 58%, 58%
XYZ	12.2822, 13.0629, 29.8910
YIQ	96.4580, -39.1560, 4.7800

Conversions

Conversions Part 2

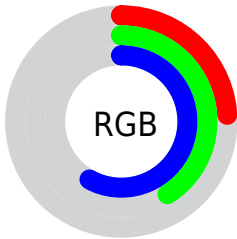
Format	Color
R_{YB}	62, 90, 148
Decimal	4090004
CIE _{Lab}	42.86, -0.91, -28.51
CIE _{LCh}	43, 28.520, 268.164
Yxy	13.0629, 0.2224, 0.2365
Android (android.graphics.Color)	4282280084 (0xFF3E6894)
YUV	96.4580, 25.4102, -30.2197
Hunter-Lab	36.1426, -2.5905, -23.7348

Details

The YUV color **96.4580, 25.4102, -30.2197** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **113.5420, -25.4102, 30.2197**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.6970, 26.2784, -28.6753**, and **44.5170, 25.8741, -39.0414** is the 20% darker color. If you saturate the color by 10%, you get **87.2770, 29.9364, -35.3229**, and if you desaturate by 10%, it is **105.6390, 20.8840, -25.1164**.

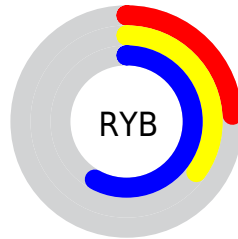
Distribution



Red (24%)

Green (41%)

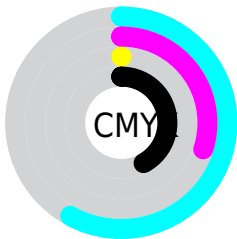
Blue (58%)



Red (24%)

Yellow (35%)

Blue (58%)

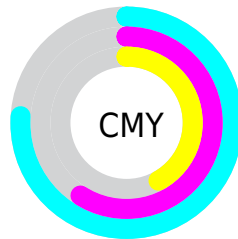


Cyan (58%)

Magenta (30%)

Yellow (0%)

Black (42%)



Cyan (76%)

Magenta (59%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.4580, 25.4102, -30.2197 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 96.4580, 25.4102, -30.2197 by changing the saturation by 10% instead.

■ 96.4580, 25.4102,
-30.2197

■ 96.4580, 25.4102,
-30.2197

■ 255.0000, 0.0000,
0.0000

■ 70.7350, 25.2736,
-33.0936

■ 148.6970, 26.2784,
-28.6753

■ 44.5170, 25.8741,
-39.0414

■ 175.8110, 26.7152,
-28.7752

■ 29.4540, 21.4682,
-25.8312

■ 202.8820, 25.6942,
-27.9605

■ 13.9180, 17.7884,
-12.2061

■ 227.9890, 13.3164,
-24.5464

■ 4.4800, 12.0884,
-3.9290

■ 246.9270, 3.9800,
-16.5990

■ 0.0000, 0.0000,
0.0000

■ 96.4580, 25.4102,
-30.2197

■ 96.4580, 25.4102,
-30.2197

■ 87.2770, 29.9364,
-35.3229

■ 105.6390, 20.8840,
-25.1164

■ 78.6830, 34.1733,
-40.9410

■ 114.2330, 16.6471,
-19.4983

■ 69.8010, 38.5521,
-45.4295

■ 123.1150, 12.2683,
-15.0099

■ 61.2070, 42.7889,
-51.0475

■ 131.7090, 8.0315,
-9.3918

■ 59.1360, 43.8100,
-51.8623

■ 140.8900, 3.5052,
-4.2885

■ 149.4840, -0.7316,
1.3295

■ 158.6650, -5.2578,
6.4328

■ 167.5470, -9.6367,

10.9213

■ 176.1410,
-13.8735, 16.5393

Harmonies

Analogous

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



80.6440, 29.7555, -70.7248



96.4580, 25.4102, -30.2197



102.8530, 19.7925, -1.6251

Triad

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



96.4580, 25.4102, -30.2197



102.0820, -10.8864, 38.5161



93.2560, -8.5072, -24.7805

Complementary

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



96.4580, 25.4102, -30.2197



113.5420, -25.4102, 30.2197

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.



96.7550, -18.6132, -3.2931



96.4580, 25.4102, -30.2197



101.1490, -19.3005, 30.5643

Square

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



96.4580, 25.4102, -30.2197



103.6330, 0.1809, 35.4019



99.5510, -22.4566, 16.1798



85.9890, 6.4144, -50.8564

Rectangle

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



96.4580, 25.4102, -30.2197



104.1710, 14.2127, 14.7590



99.5510, -22.4566, 16.1798



94.8610, -12.7495, -17.4181

Sweetspot

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



96.4580, 25.4102, -30.2197



172.0400, 9.3473, -11.4361



117.3840, -6.1053, -48.5718



85.4490, 5.6946, -6.5328



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



96.4580, 25.4102, -30.2197



111.0180, 39.4311, -47.3738



71.8040, 37.5646, -8.5981



69.5590, 2.1894, -2.2442



55.0610, 40.8889, -48.2885



4.0750, 2.9210, -3.5738

Inverse Universe

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



92.5020, 5.6685, 48.6717



104.5900, 9.0761, 75.7816



138.1960, -37.5646, 8.5981



69.4350, 0.2785, 4.0035



48.9000, 8.9233, 78.1407



3.5600, 0.7099, 5.6479

Previews

White Background



This preview shows how the YUV color 96.4580, 25.4102, -30.2197 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 96.4580, 25.4102, -30.2197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

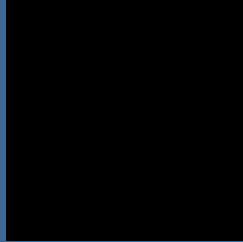
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

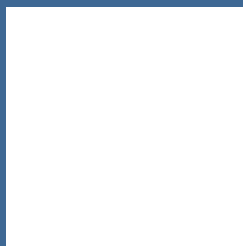
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 96.4580, 25.4102, -30.2197

Background



This preview shows how black text looks on a background with the YUV color 96.4580, 25.4102, -30.2197.

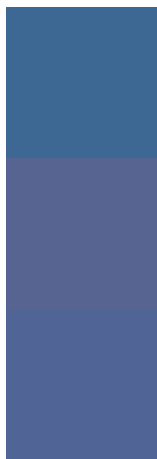


This preview shows how white text looks on a background with the YUV color 96.4580, 25.4102,

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

96.4580, 25.4102, -30.2197

Protanopia

100.5420, 21.4248, -11.8763

Deuteranopia

99.6060, 24.3512, -17.1945



Tritanopia

93.0860, 12.7756, -37.7864

Trichromacy



Original Color

96.4580, 25.4102, -30.2197

Protanomaly

99.1390, 22.6095, -18.5389

Deuteranomaly

98.1000, 25.0937, -22.0127

Tritanomaly

94.3620, 17.5695, -35.3975

Monochromacy



Original Color

96.4580, 25.4102, -30.2197

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.3390, 9.1999, -10.8213

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.4580, 25.4102, -30.2197 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(62, 104, 148)` looks like.

```
.text, #text, p{  
    color:rgb(62, 104, 148)  
}
```

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(62, 104, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 104, 148) }
```

Border

The CSS property to change the border of an element to YUV 96.4580, 25.4102, -30.2197 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(62, 104, 148) }
```


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

```
.border{ border-color:rgb(62, 104, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 104, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 104, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 104, 148);  
box-shadow:4px 4px 4px 4px rgb(62, 104,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 96.4580, 25.4102, -30.2197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 104, 148) }
```

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

```
.background{ background-color: rgb(62, 104,  
148) }
```

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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