

Converting Colors

YUV(103.9620, 31.0777,
-28.0307)

Have a look what the booklet for
YUV(103.9620, 31.0777, -28.0307)
contains.

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Color

**YUV(103.9620, 31.0777,
-28.0307)**

Conversions

Conversions Part 1

Format	Color
Hex	486CA7
RGB	72, 108, 167
RGB Percent	28%, 42%, 65%
CMY	0.7176, 0.5765, 0.3451
CMYK	0.57, 0.35, 0.00, 0.35
HSL	217°, 40%, 47%
HSV	217°, 57%, 65%
XYZ	15.0101, 14.8929, 38.6427
YIQ	103.9620, -40.3950, 10.7170

Conversions

Conversions Part 2

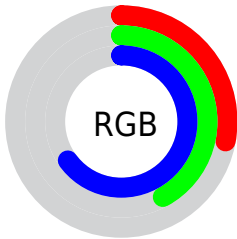
Format	Color
R_{YB}	72, 98, 167
Decimal	4746407
CIE Lab	45.49, 5.23, -35.59
CIE LCh	45, 35.971, 278.362
Yxy	14.8929, 0.2190, 0.2173
Android (android.graphics.Color)	4282936487 (0xFF486CA7)
YUV	103.9620, 31.0777, -28.0307
Hunter-Lab	38.5913, 1.8930, -32.3551

Details

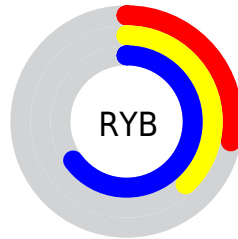
The YUV color **103.9620, 31.0777, -28.0307** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **135.0380, -31.0777, 28.0307**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.6140, 32.2353, -25.9715**, and **48.9170, 32.5789, -42.9002** is the 20% darker color. If you saturate the color by 10%, you get **93.0090, 36.4776, -33.3339**, and if you desaturate by 10%, it is **114.9150, 25.6779, -22.7275**.

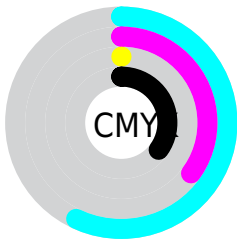
Distribution



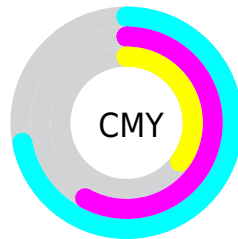
- Red (28%)
- Green (42%)
- Blue (65%)



- Red (28%)
- Yellow (38%)
- Blue (65%)



- Cyan (57%)
- Magenta (35%)
- Yellow (0%)
- Black (35%)



- Cyan (72%)
- Magenta (58%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.9620, 31.0777, -28.0307 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 103.9620, 31.0777, -28.0307 by changing the saturation by 10% instead.

■ 103.9620, 31.0777,
-28.0307

■ 103.9620, 31.0777,
-28.0307

■ 255.0000, 0.0000,
0.0000

■ 78.1250, 30.5044,
-30.8046

■ 156.6140, 32.2353,
-25.9715

■ 48.9170, 32.5789,
-42.9002

■ 184.1410, 32.9615,
-25.5567

■ 33.7400, 27.7362,
-29.5900

■ 209.4050, 22.4783,
-23.1572

■ 18.6770, 23.3302,
-16.3797

■ 234.5120, 10.1006,
-19.7430

■ 6.6630, 17.9141,
-5.8435

■ 250.8140, 2.0637,
-8.6069

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 103.9620, 31.0777,
-28.0307

■ 103.9620, 31.0777,
-28.0307

■ 93.0090, 36.4776,
-33.3339

■ 114.9150, 25.6779,
-22.7275

■ 81.7680, 42.0194,
-37.5075

■ 126.1560, 20.1361,
-18.5538

■ 70.8150, 47.4192,
-42.8108

■ 137.1090, 14.7363,
-13.2506

■ 59.8620, 52.8190,
-48.1140

■ 148.0620, 9.3364,
-7.9474

■ 56.0190, 54.7136,
-49.1287

■ 159.3030, 3.7946,
-3.7737

■ 170.2560, -1.6052,
1.5295

■ 181.7960, -7.2944,
6.3179

■ 192.7490,
-12.6943, 11.6211

■ 203.4030,
-17.9467, 16.3096

Harmonies

Analogous

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



87.2610, 37.3393, -76.5279



103.9620, 31.0777, -28.0307



110.2010, 22.0859, 9.4707

Triad

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



103.9620, 31.0777, -28.0307



107.7040, -17.6021, 45.8636



93.1610, -4.5164, -44.8682

Complementary

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



103.9620, 31.0777, -28.0307



135.0380, -31.0777, 28.0307

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.



100.8200, -20.6173, -13.8741



103.9620, 31.0777, -28.0307



106.2110, -26.7260, 32.2640

Square

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



103.9620, 31.0777, -28.0307



108.5700, -4.2250, 48.6121



104.2100, -28.6975, 11.2168



85.3110, 14.6367, -74.8177

Rectangle

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



103.9620, 31.0777, -28.0307



110.9600, 14.3167, 28.0991



104.2100, -28.6975, 11.2168



96.6310, -10.6641, -33.0024

Sweetspot

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



103.9620, 31.0777, -28.0307



192.4360, 12.1101, -10.9064



134.4910, -1.7211, -54.8046



95.2040, 7.2944, -6.3179



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



103.9620, 31.0777, -28.0307



118.7440, 48.4402, -43.6255



86.1190, 39.8743, -2.7354



78.6730, 2.6262, -2.3442



49.7440, 48.4402, -43.6255



6.9760, 6.4208, -6.1180

Inverse Universe

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



104.5090, 1.7211, 54.8046



119.6360, 2.6445, 85.3882



152.8810, -39.8743, 2.7354



78.7340, 0.1311, 4.6183



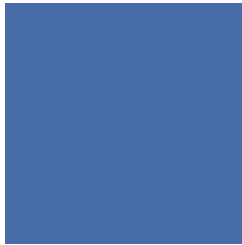
50.6360, 2.6445, 85.3882



6.8920, 0.5462, 11.4957

Previews

White Background



This preview shows how the YUV color 103.9620, 31.0777, -28.0307 looks on a white background.

Color Contrast Check

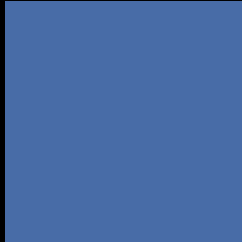
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.9620, 31.0777, -28.0307 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

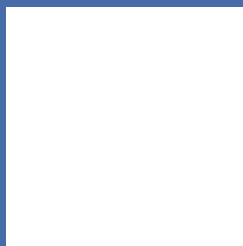
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 103.9620, 31.0777, -28.0307

Background



This preview shows how black text looks on a background with the YUV color 103.9620, 31.0777, -28.0307.

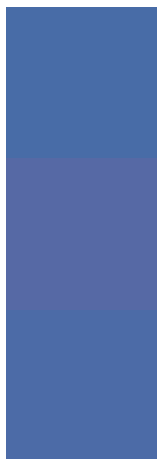


This preview shows how white text looks on a background with the YUV color 103.9620, 31.0777, -28.0307.

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

103.9620, 31.0777, -28.0307

Protanopia

106.1590, 29.0086, -17.6794

Deuteranopia

104.5710, 30.7775, -25.0568



Tritanopia

99.2000, 13.2124, -37.8864

Trichromacy



Original Color

103.9620, 31.0777, -28.0307

Protanomaly

105.3650, 29.8931, -21.3681

Deuteranomaly

104.2720, 30.9249, -25.6715

Tritanomaly

100.9430, 19.7481, -34.1530

Monochromacy



Original Color

103.9620, 31.0777, -28.0307

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.6210, 11.5258, -10.1916

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.9620, 31.0777, -28.0307 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(72, 108, 167)` looks like.

```
.text, #text, p{  
    color:rgb(72, 108, 167)  
}
```

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(72, 108, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 108, 167) }
```

Border

The CSS property to change the border of an element to YUV 103.9620, 31.0777, -28.0307 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(72, 108, 167) }
```


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

```
.border{ border-color:rgb(72, 108, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 108, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 108, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 108, 167);  
box-shadow:4px 4px 4px 4px rgb(72, 108,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 103.9620, 31.0777, -28.0307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 108, 167) }
```

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

```
.background{ background-color: rgb(72, 108,  
167) }
```

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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