

Converting Colors

YUV(103.6760, 31.7117, 2.0381)

Have a look what the booklet for
YUV(103.6760, 31.7117, 2.0381)
contains.

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Color

**YUV(103.6760, 31.7117,
2.0381)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 6A5AA8 |
| RGB | 106, 90, 168 |
| RGB Percent | 42%, 35%, 66% |
| CMY | 0.5843, 0.6471, 0.3412 |
| CMYK | 0.37, 0.46, 0.00, 0.34 |
| HSL | 252°, 31%, 51% |
| HSV | 252°, 46%, 66% |
| XYZ | 16.6679, 13.2037, 38.7159 |
| YIQ | 103.6760, -15.5020, 27.6500 |

Conversions

Conversions Part 2

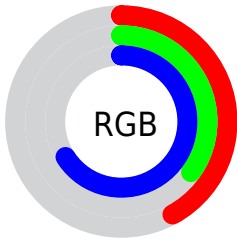
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 106, 90, 168 |
| Decimal | 6970024 |
| CIE Lab | 43.07, 25.26, -39.85 |
| CIE LCh | 43, 47.180, 302.372 |
| Yxy | 13.2037, 0.2430, 0.1925 |
| Android (android.graphics.Color) | 4285160104 (0xFF6A5AA8) |
| YUV | 103.6760, 31.7117, 2.0381 |
| Hunter-Lab | 36.3368, 18.2895, -37.7360 |

Details

The YUV color **103.6760, 31.7117, 2.0381** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **154.3240, -31.7117, -2.0381**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.5560, 33.7429, 3.8974**, and **55.0840, 29.5386, -0.9507** is the 20% darker color. If you saturate the color by 10%, you get **89.8100, 38.5477, 2.7976**, and if you desaturate by 10%, it is **117.5420, 24.8758, 1.2787**.

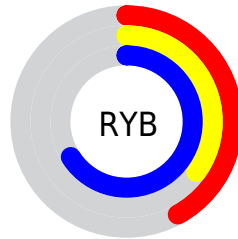
Distribution



Red (42%)

Green (35%)

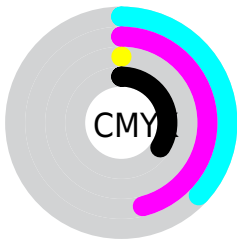
Blue (66%)



Red (42%)

Yellow (35%)

Blue (66%)

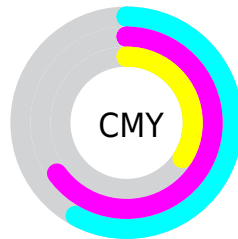


Cyan (37%)

Magenta (46%)

Yellow (0%)

Black (34%)



Cyan (58%)

Magenta (65%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.6760, 31.7117, 2.0381 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 103.6760, 31.7117, 2.0381 by changing the saturation by 10% instead.

■ 103.6760, 31.7117,
2.0381

■ 103.6760, 31.7117,
2.0381

■ 255.0000, 0.0000,
0.0000

■ 78.7360, 30.6962,
1.1085

■ 155.5560, 33.7429,
3.8974

■ 55.0840, 29.5386,
-0.9507

■ 182.9690, 34.0323,
4.4122

■ 31.5350, 28.8232,
-4.8542

■ 207.5320, 23.4017,
7.4264

■ 7.5240, 28.8287,
-6.5985

■ 232.6390, 11.0240,
10.8406

■ 6.6630, 17.9141,
-5.8435

■ 252.6520, 1.1576,
2.0592

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 103.6760, 31.7117,
2.0381

■ 103.6760, 31.7117,
2.0381

■ 89.8100, 38.5477,
2.7976

■ 117.5420, 24.8758,
1.2787

■ 75.6450, 45.5310,
2.9423

■ 131.7070, 17.8924,
1.1340

■ 62.3660, 52.0776,
3.1870

■ 144.9860, 11.3459,
0.8893

■ 48.5000, 58.9135,
3.9465

■ 158.8520, 4.5100,
0.1298

■ 34.3350, 65.8968,
4.0912

■ 173.0170, -2.4734,
-0.0149

■ 29.3180, 68.3702,
4.1061

■ 186.8830, -9.3093,
-0.7744

■ 200.7490,
-16.1453, -1.5339

■ 214.3270,
-22.8392, -1.1638

■ 228.1930,
-29.6751, -1.9233

Harmonies

Analogous

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



82.1550, 48.2376, -72.0499



103.6760, 31.7117, 2.0381



103.8460, 17.3309, 41.3541

Triad

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



103.6760, 31.7117, 2.0381



98.7520, -33.8947, 44.9445



82.2960, 10.7001, -72.1736

Complementary

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



103.6760, 31.7117, 2.0381



154.3240, -31.7117, -2.0381

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.



76.5620, -6.1931, -67.1449



103.6760, 31.7117, 2.0381



96.1220, -41.9651, 20.0640

Square

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



103.6760, 31.7117, 2.0381



99.2760, -18.3771, 61.1479



92.0840, -31.1004, -11.4747



86.7420, 27.7352, -76.0727

Rectangle

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



103.6760, 31.7117, 2.0381



100.9700, 5.9308, 57.9083



92.0840, -31.1004, -11.4747



80.7000, 4.5849, -70.7739

Sweetspot

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



103.6760, 31.7117, 2.0381



194.2140, 12.2195, 0.6893



135.2860, 16.1280, -39.7158



94.3620, 7.7095, 0.5595



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.



103.6760, 31.7117, 2.0381



117.7960, 49.8936, 3.6869



115.3370, 25.9629, 26.0145



77.2110, 3.3470, -0.1850



25.8420, 60.2239, 3.6466



3.4760, 8.1463, 0.4595

Inverse Universe

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



120.3900, 15.5837, 41.7540



143.9490, 24.6751, 65.8197



142.6630, -25.9629, -26.0145



79.0760, 1.4415, 4.3183



57.7040, 29.7259, 79.1896



7.8040, 4.0406, 10.6959

Previews

White Background



This preview shows how the YUV color 103.6760, 31.7117, 2.0381 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 103.6760, 31.7117, 2.0381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

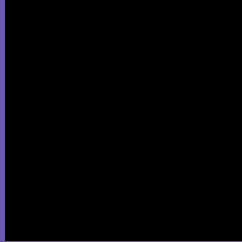
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.6760, 31.7117, 2.0381

Background



This preview shows how black text looks on a background with the YUV color 103.6760, 31.7117, 2.0381.



This preview shows how white text looks on a background with the YUV color 103.6760, 31.7117,

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

103.6760, 31.7117, 2.0381

Protanopia

98.3240, 38.7873, -27.4711

Deuteranopia

97.5210, 33.2671, -30.2749



Tritanopia

100.9220, 4.9685, -6.9476

Trichromacy



Original Color

103.6760, 31.7117, 2.0381

Protanomaly

100.4070, 36.2813, -17.0199

Deuteranomaly

100.0710, 32.5030, -18.4793

Tritanomaly

101.8760, 14.8511, -3.3993

Monochromacy



Original Color

103.6760, 31.7117, 2.0381

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.9860, 11.3459, 0.8893

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.6760, 31.7117, 2.0381 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(106, 90, 168)` looks like.

```
.text, #text, p{  
    color:rgb(106, 90, 168)  
}
```

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(106, 90, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 90, 168) }
```

Border

The CSS property to change the border of an element to YUV 103.6760, 31.7117, 2.0381 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(106, 90, 168) }
```


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

```
.border{ border-color:rgb(106, 90, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 90, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 90, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 90, 168);  
box-shadow:4px 4px 4px 4px rgb(106, 90,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 103.6760, 31.7117, 2.0381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 90, 168) }
```

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

```
.background{ background-color: rgb(106, 90,  
168) }
```

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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