

Converting Colors

YUV(103.3620, 27.9225, 4.0675)

Have a look what the booklet for
YUV(103.3620, 27.9225, 4.0675)
contains.

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Color

**YUV(103.3620, 27.9225,
4.0675)**

Conversions

Conversions Part 1

Format	Color
Hex	6C5AA0
RGB	108, 90, 160
RGB Percent	42%, 35%, 63%
CMY	0.5765, 0.6471, 0.3725
CMYK	0.32, 0.44, 0.00, 0.37
HSL	255°, 28%, 49%
HSV	255°, 44%, 63%
XYZ	16.1857, 13.0385, 34.9213
YIQ	103.3620, -11.7420, 25.5860

Conversions

Conversions Part 2

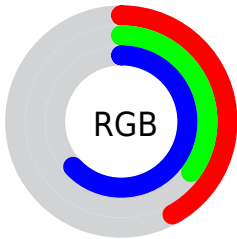
Format	Color
R _Y B	108, 90, 160
Decimal	7101088
CIE Lab	42.82, 23.60, -35.49
CIE LCh	43, 42.617, 303.628
Yxy	13.0385, 0.2523, 0.2033
Android (android.graphics.Color)	4285291168 (0xFF6C5AA0)
YUV	103.3620, 27.9225, 4.0675
Hunter-Lab	36.1089, 16.8213, -32.0637

Details

The YUV color **103.3620, 27.9225, 4.0675** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **146.6380, -27.9225, -4.0675**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.8290, 29.6643, 5.4120**, and **55.1830, 26.0388, 1.5935** is the 20% darker color. If you saturate the color by 10%, you get **90.3820, 34.3217, 4.9270**, and if you desaturate by 10%, it is **116.3420, 21.5234, 3.2081**.

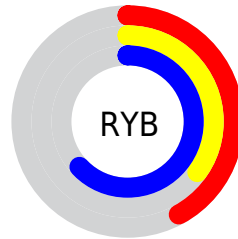
Distribution



Red (42%)

Green (35%)

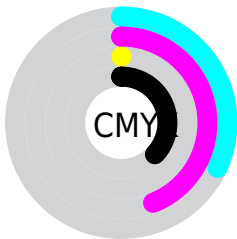
Blue (63%)



Red (42%)

Yellow (35%)

Blue (63%)

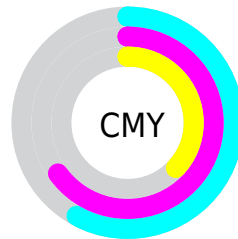


Cyan (32%)

Magenta (44%)

Yellow (0%)

Black (37%)



Cyan (58%)

Magenta (65%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.3620, 27.9225, 4.0675 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 103.3620, 27.9225, 4.0675 by changing the saturation by 10% instead.

■ 103.3620, 27.9225,
4.0675

■ 103.3620, 27.9225,
4.0675

■ 255.0000, 0.0000,
0.0000

■ 78.5360, 27.3438,
3.0379

■ 154.8290, 29.6643,
5.4120

■ 55.1830, 26.0388,
1.5935

■ 182.3560, 30.3905,
5.8268

■ 32.5310, 24.8812,
-0.4657

■ 207.8310, 23.2543,
8.0412

■ 8.9330, 25.1760,
-1.6952

■ 232.9380, 10.8766,
11.4554

■ 5.3920, 15.5827,
-4.7288

■ 252.6520, 1.1576,
2.0592

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,

0.0000

■ 103.3620, 27.9225,
4.0675

■ 103.3620, 27.9225,
4.0675

■ 90.3820, 34.3217,
4.9270

■ 116.3420, 21.5234,
3.2081

■ 77.4020, 40.7208,
5.7864

■ 129.3220, 15.1243,
2.3486

■ 64.4220, 47.1200,
6.6459

■ 142.3020, 8.7251,
1.4891

■ 51.4420, 53.5191,
7.5054

■ 155.2820, 2.3260,
0.6297

■ 38.7610, 59.7708,
8.9796

■ 167.9630, -3.9258,
-0.8446

■ 30.4990, 63.8440,
9.2094

■ 180.9430,
-10.3249, -1.7040

■ 193.9230,
-16.7240, -2.5635

■ 206.9030,
-23.1232, -3.4229

■ 219.8830,
-29.5223, -4.2824

Harmonies

Analogous

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



88.9140, 40.4684, -53.4216



103.3620, 27.9225, 4.0675



103.7270, 14.4316, 37.9504

Triad

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



103.3620, 27.9225, 4.0675



98.9300, -30.5315, 39.5264



81.1220, 11.2789, -71.1440

Complementary

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



103.3620, 27.9225, 4.0675



146.6380, -27.9225, -4.0675

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.



82.1230, -6.9626, -53.6049



103.3620, 27.9225, 4.0675



96.8210, -35.4078, 16.8200

Square

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



103.3620, 27.9225, 4.0675



99.1720, -17.3398, 55.1002



92.8220, -27.0272, -11.2449



84.5250, 26.8562, -74.1284

Rectangle

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



103.3620, 27.9225, 4.0675



101.7690, 4.0579, 51.9456



92.8220, -27.0272, -11.2449



79.7540, 6.0373, -69.9443

Sweetspot

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



103.3620, 27.9225, 4.0675



187.1710, 10.7617, 1.6040



129.0910, 15.2381, -34.2828



91.1340, 6.8359, 0.7595



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



103.3620, 27.9225, 4.0675



119.3250, 44.2098, 6.7310



113.8270, 22.7633, 25.5847



72.5100, 3.1996, 0.4297



27.3650, 57.0081, 8.4499



2.9060, 5.9623, 0.9594

Inverse Universe

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



116.8580, 12.3950, 37.8355



140.6510, 19.8921, 59.9421



136.4720, -22.9107, -24.9699



74.0760, 1.4415, 4.3183



54.8410, 25.2214, 77.3154



5.7390, 2.5937, 8.1219

Previews

White Background



This preview shows how the YUV color 103.3620, 27.9225, 4.0675 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 103.3620, 27.9225, 4.0675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

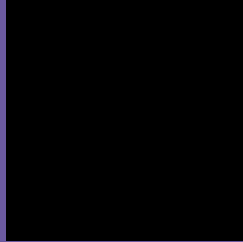
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.3620, 27.9225, 4.0675

Background



This preview shows how black text looks on a background with the YUV color 103.3620, 27.9225, 4.0675.



This preview shows how white text looks on a background with the YUV color 103.3620, 27.9225,

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

103.3620, 27.9225, 4.0675

Protanopia

99.0920, 33.9716, -22.8827

Deuteranopia

98.8270, 29.1723, -23.5273



Tritanopia

101.0150, 3.9366, -2.6442

Trichromacy



Original Color

103.3620, 27.9225, 4.0675

Protanomaly

100.8760, 31.6131, -13.0463

Deuteranomaly

100.4800, 28.8504, -13.5760

Tritanomaly

102.0290, 12.8037, -0.0254

Monochromacy



Original Color

103.3620, 27.9225, 4.0675

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.0570, 10.3249, 1.7040

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.3620, 27.9225, 4.0675 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(108, 90, 160)` looks like.

```
.text, #text, p{  
    color:rgb(108, 90, 160)  
}
```

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(108, 90, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 90, 160) }
```

Border

The CSS property to change the border of an element to YUV 103.3620, 27.9225, 4.0675 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(108, 90, 160) }
```


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

```
.border{ border-color:rgb(108, 90, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 90, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 90, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 90, 160);  
box-shadow:4px 4px 4px 4px rgb(108, 90,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 103.3620, 27.9225, 4.0675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 90, 160) }
```

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

```
.background{ background-color: rgb(108, 90,  
160) }
```

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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