Converting Colors

YUV(96.0000, 0.0000, 0.0000)

Have a look what the booklet for YUV(96.0000, 0.0000, 0.0000) contains.

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Color

YUV(96.0000, 0.0000, 0.0000)

Conversions

Conversions Part 1

Format	Color
Hex	606060
RGB	96, 96, 96
RGB Percent	38%, 38%, 38%
CMY	0.6235, 0.6235, 0.6235
CMYK	0.00, 0.00, 0.00, 0.62
HSL	0°, 0%, 38%
HSV	0°, 0%, 38%
XYZ	11.1181, 11.6971, 12.7381
YIQ	96.0000, -0.0000, 0.0000

Conversions

Conversions Part 2

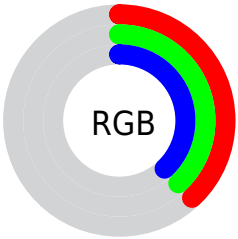
Format	Color
RYB	96, 96, 96
Decimal	6316128
CIELab	40.73, 0.00, -0.01
CIELCh	41, 0.006, 296.813
Yxy	11.6971, 0.3127, 0.3290
Android (android.graphics.Color)	4284506208 (0xFF606060)
YUV	96.0000, 0.0000, 0.0000
Hunter-Lab	34.2010, -1.8249, 1.8582

Details

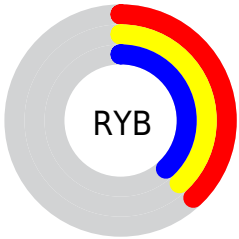
The YUV color 96.0000, 0.0000, 0.0000 is a dark color, and the websafe version is hex 666666. A complement of this color would be 96.0000, 0.0000, 0.0000, and the grayscale version is 96.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 146.0000, 0.0000, 0.0000, and 50.0000, 0.0000, 0.0000 is the 20% darker color. If you saturate the color by 10%, you get 88.9900, -1.4741, 6.1478, and if you desaturate by 10%, it is 103.0100, 1.4741, -6.1478.

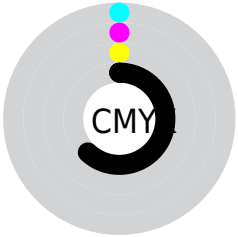
Distribution



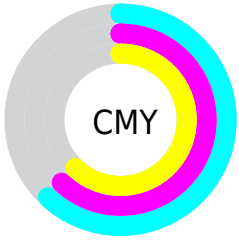
- Red (38%)
- Green (38%)
- Blue (38%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (62%)



- Cyan (62%)
- Magenta (62%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.0000, 0.0000, 0.0000 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 96.0000, 0.0000, 0.0000 by changing the saturation by 10% instead.

96.0000, 0.0000, 0.0000

96.0000, 0.0000, 0.0000

255.0000, 0.0000, 0.0000

72.0000, 0.0000, 0.0000

146.0000, 0.0000, 0.0000

50.0000, 0.0000, 0.0000

173.0000, 0.0000, 0.0000

29.0000, 0.0000, 0.0000

200.0000, 0.0000, 0.0000

3.0000, 0.0000, 0.0000

228.0000, 0.0000, 0.0000

0.0000, 0.0000, 0.0000

96.0000, 0.0000,

96.0000, 0.0000,

0.0000

0.0000

88.9900, -1.4741, 6.1478

103.0100, 1.4741, -6.1478

82.6810, -2.8007, 11.6808

109.3190, 2.8007, -11.6808

75.6710, -4.2748, 17.8285

116.3290, 4.2748, -17.8285

69.3620, -5.6015, 23.3615

122.6380, 5.6015, -23.3615

62.3520, -7.0755, 29.5093

129.6480, 7.0755, -29.5093

55.3420, -8.5496, 35.6571

136.6580, 8.5496, -35.6571

49.0330, -9.8763, 41.1901

142.9670, 9.8763, -41.1901

42.0230, -11.3503, 47.3378

149.9770, 11.3503, -47.3378

35.7140, -12.6770, 52.8708

156.2860, 12.6770, -52.8708

Harmonies

Sweetspot

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

96.0000, 0.0000, 0.0000

125.0000, 0.0000, 0.0000

64.0000, 0.0000, 0.0000

191.0000, 0.0000, 0.0000

Same Dimension

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

96.0000, 0.0000, 0.0000

125.0000, 0.0000, 0.0000

48.0000, 0.0000, 0.0000

33.4880, -16.5096, 68.8550

71.7600, -35.3777, 147.5465

Inverse Universe

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

96.0000, 0.0000, 0.0000

125.0000, 0.0000, 0.0000

48.0000, 0.0000, 0.0000

78.5120, 16.5096, -68.8550

168.2400, 35.3777, -147.5465

Previews

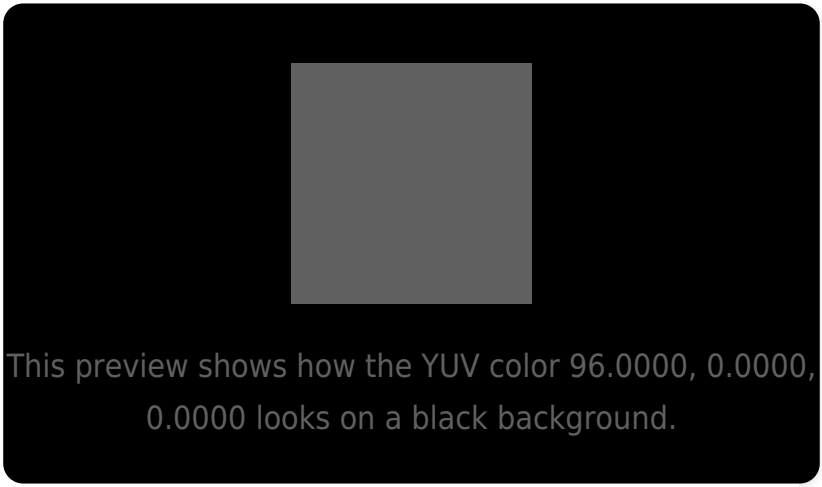
White Background

This preview shows how the YUV color 96.0000, 0.0000, 0.0000 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

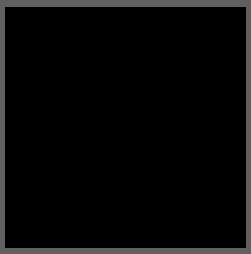


Color Contrast Check

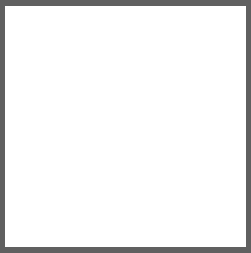
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

YUV 96.0000, 0.0000, 0.0000 Background



This preview shows how black text looks on a background with the YUV color 96.0000, 0.0000, 0.0000.



This preview shows how white text looks on a background with the YUV color 96.0000, 0.0000,

0.0000.

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
96.0000, 0.0000, 0.0000

Protanopia
96.5980, -0.2948, 1.2296

Deuteranopia
97.0440, -0.0217, 6.9774

Tritanopia
96.3960, 2.7628, 0.5297

Trichromacy

Original Color
96.0000, 0.0000, 0.0000

Protanomaly
96.2990, -0.1474, 0.6148

Deuteranomaly
96.7340, 0.1311, 4.6183

Tritanomaly
96.1680, 1.8892, 0.7297

Monochromacy

Original Color
96.0000, 0.0000, 0.0000

Achromatopsia
96.0000, 0.0000, 0.0000

Achromatomaly
96.0000, 0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.0000, 0.0000, 0.0000 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(96, 96, 96) looks like.

```
.text, #text, p{
    color:rgb(96, 96, 96)
}
```

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(96, 96, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 96, 96) }
```

Border

The CSS property to change the border of an element to YUV 96.0000, 0.0000, 0.0000 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(96, 96, 96) }
```

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

```
.border{ border-color:rgb(96, 96, 96) }
```

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

Here you see how a box with a 4 pixel rgb(96, 96, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(96, 96, 96); -webkit-box-shadow:4px 4px 4px 4px rgb(96, 96, 96); box-shadow:4px 4px 4px 4px rgb(96, 96, 96) }
```

Background

The CSS property to change the background color of an element to YUV 96.0000, 0.0000, 0.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(96, 96, 96) }
```

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

```
.background{ background-color:rgb(96, 96,
96) }
```

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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