

Converting Colors

YUV(96.0060, 27.6050,
-34.2083)

Have a look what the booklet for
YUV(96.0060, 27.6050, -34.2083)
contains.

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Color

**YUV(96.0060, 27.6050,
-34.2083)**

Conversions

Conversions Part 1

Format	Color
Hex	396998
RGB	57, 105, 152
RGB Percent	22%, 41%, 60%
CMY	0.7765, 0.5882, 0.4039
CMYK	0.62, 0.31, 0.00, 0.40
HSL	210°, 45%, 41%
HSV	210°, 62%, 60%
XYZ	12.4064, 13.2400, 31.6075
YIQ	96.0060, -43.6950, 4.4410

Conversions

Conversions Part 2

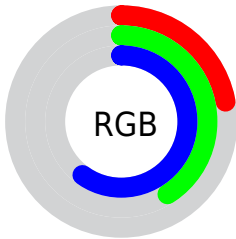
Format	Color
R_{YB}	57, 89, 152
Decimal	3762584
CIE _{Lab}	43.12, -1.21, -30.49
CIE _{LCh}	43, 30.514, 267.735
Yxy	13.2400, 0.2167, 0.2313
Android (android.graphics.Color)	4281952664 (0xFF396998)
YUV	96.0060, 27.6050, -34.2083
Hunter-Lab	36.3868, -2.8157, -26.0316

Details

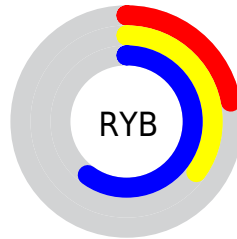
The YUV color **96.0060, 27.6050, -34.2083** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **112.9940, -27.6050, 34.2083**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.9570, 28.6152, -31.5343**, and **45.5600, 27.3319, -39.9561** is the 20% darker color. If you saturate the color by 10%, you get **86.8250, 32.1313, -39.3115**, and if you desaturate by 10%, it is **105.1870, 23.0788, -29.1050**.

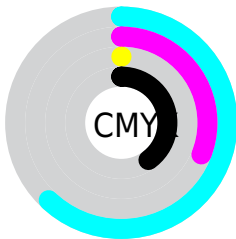
Distribution



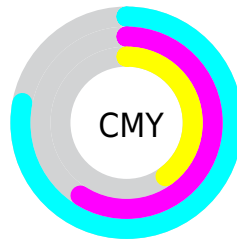
- Red (22%)
- Green (41%)
- Blue (60%)



- Red (22%)
- Yellow (35%)
- Blue (60%)



- Cyan (62%)
- Magenta (31%)
- Yellow (0%)
- Black (40%)



- Cyan (78%)
- Magenta (59%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.0060, 27.6050, -34.2083 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 96.0060, 27.6050, -34.2083 by changing the saturation by 10% instead.

■ 96.0060, 27.6050,
-34.2083

■ 96.0060, 27.6050,
-34.2083

■ 255.0000, 0.0000,
0.0000

■ 69.3860, 27.9107,
-38.9265

■ 148.9570, 28.6152,
-31.5343

■ 45.5600, 27.3319,
-39.9561

■ 176.0710, 29.0520,
-31.6343

■ 30.3830, 22.4892,
-26.6459

■ 202.5720, 25.8470,
-30.3196

■ 15.4340, 18.5200,
-13.5356

■ 228.2660, 13.1799,
-27.4203

■ 4.8220, 13.3988,
-4.2289

■ 246.3290, 4.2748,
-17.8285

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,

0.0000

■ 96.0060, 27.6050,
-34.2083

■ 96.0060, 27.6050,
-34.2083

■ 86.8250, 32.1313,
-39.3115

■ 105.1870, 23.0788,
-29.1050

■ 78.2310, 36.3681,
-44.9296

■ 113.7810, 18.8420,
-23.4869

■ 68.7510, 41.0418,
-50.6476

■ 123.2610, 14.1683,
-17.7689

■ 62.5270, 44.1102,
-54.8362

■ 131.8550, 9.9315,
-12.1508

■ 141.0360, 5.4053,
-7.0476

■ 149.6300, 1.1684,
-1.4295

■ 158.8110, -3.3578,
3.6738

■ 167.7040, -7.7421,
9.9066

■ 176.8850,
-12.2683, 15.0099

Harmonies

Analogous

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



81.5730, 30.7765, -71.5395



96.0060, 27.6050, -34.2083



103.3090, 21.5397, -2.0250

Triad

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



96.0060, 27.6050, -34.2083



102.3920, -11.0393, 40.8752



93.0170, -9.3754, -26.3249

Complementary

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



96.0060, 27.6050, -34.2083



112.9940, -27.6050, 34.2083

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.



97.2990, -20.3604, -2.8932



96.0060, 27.6050, -34.2083



101.8180, -20.6163, 32.6086

Square

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



96.0060, 27.6050, -34.2083



104.3560, 0.3175, 38.2758



100.0950, -24.2038, 16.5797



83.5750, 7.6045, -59.2633

Rectangle

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



96.0060, 27.6050, -34.2083



105.1110, 15.2283, 15.6887



100.0950, -24.2038, 16.5797



94.9210, -13.7651, -18.3477

Sweetspot

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



96.0060, 27.6050, -34.2083



174.3710, 10.6631, -13.4804



118.0090, -7.3994, -53.5049



85.9650, 6.4263, -7.8623



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



96.0060, 27.6050, -34.2083



109.1960, 42.7944, -52.7919



69.0040, 40.9170, -10.5275



72.2600, 2.3368, -2.8590



57.6370, 40.6050, -50.5476



5.0040, 3.9420, -4.3885

Inverse Universe

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



90.8770, 6.9626, 53.6049



101.3890, 10.6542, 82.9738



139.9960, -40.9170, 10.5275



71.8480, 0.5679, 4.5183



49.9540, 10.3757, 78.9703



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 96.0060, 27.6050, -34.2083 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 96.0060, 27.6050, -34.2083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

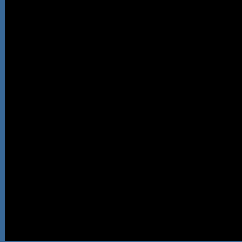
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.0060, 27.6050, -34.2083

Background



This preview shows how black text looks on a background with the YUV color 96.0060, 27.6050, -34.2083.

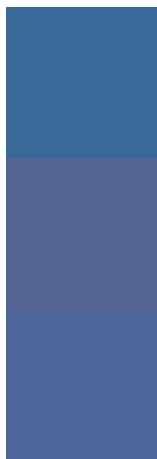


This preview shows how white text looks on a background with the YUV color 96.0060, 27.6050,

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

96.0060, 27.6050, -34.2083

Protanopia

101.2860, 23.0300, -13.4058

Deuteranopia

99.7520, 26.2513, -19.9535



Tritanopia

91.0960, 14.2497, -43.9342

Trichromacy



Original Color

96.0060, 27.6050, -34.2083

Protanomaly

99.2850, 24.5095, -21.2979

Deuteranomaly

98.2460, 26.9937, -24.7717

Tritanomaly

93.0840, 19.1856, -40.4157

Monochromacy



Original Color

96.0060, 27.6050, -34.2083

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8550, 9.9315, -12.1508

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.0060, 27.6050, -34.2083 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(57, 105, 152)` looks like.

```
.text, #text, p{  
    color:rgb(57, 105, 152)  
}
```

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(57, 105, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 105, 152) }
```

Border

The CSS property to change the border of an element to YUV 96.0060, 27.6050, -34.2083 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(57, 105, 152) }
```


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

```
.border{ border-color:rgb(57, 105, 152) }
```

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

Here you see how a box with a 4 pixel rgb(57, 105, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 105, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 105, 152);  
box-shadow:4px 4px 4px 4px rgb(57, 105,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 96.0060, 27.6050, -34.2083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 105, 152) }
```

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

```
.background{ background-color: rgb(57, 105,  
152) }
```

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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