

Converting Colors

YUV(108.0940, 27.5617,
-20.2534)

Have a look what the booklet for
YUV(108.0940, 27.5617, -20.2534)
contains.

YUV(108.0940, 27.5617, -20.2534)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(108.0940, 27.5617,
-20.2534)**

Conversions

Conversions Part 1

Format	Color
Hex	556DA4
RGB	85, 109, 164
RGB Percent	33%, 43%, 64%
CMY	0.6667, 0.5725, 0.3569
CMYK	0.48, 0.34, 0.00, 0.36
HSL	222°, 32%, 49%
HSV	222°, 48%, 64%
XYZ	15.9158, 15.5489, 37.2843
YIQ	108.0940, -31.9590, 12.0170

Conversions

Conversions Part 2

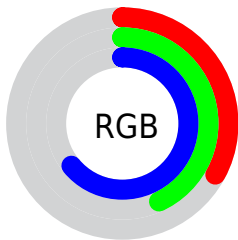
Format	Color
R_{YB}	85, 103, 164
Decimal	5598628
CIE _{Lab}	46.38, 6.73, -32.38
CIE _{LCh}	46, 33.066, 281.736
Yxy	15.5489, 0.2315, 0.2262
Android (android.graphics.Color)	4283788708 (0xFF556DA4)
YUV	108.0940, 27.5617, -20.2534
Hunter-Lab	39.4321, 3.0409, -28.4582

Details

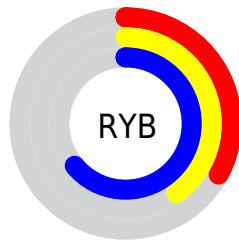
The YUV color **108.0940, 27.5617, -20.2534** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **140.9060, -27.5617, 20.2534**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.4470, 28.8666, -18.8090**, and **58.1320, 26.5569, -24.6718** is the 20% darker color. If you saturate the color by 10%, you get **96.8530, 33.1035, -24.4271**, and if you desaturate by 10%, it is **119.3350, 22.0198, -16.0798**.

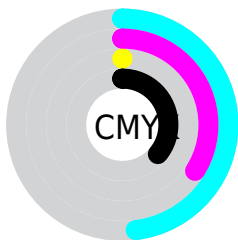
Distribution



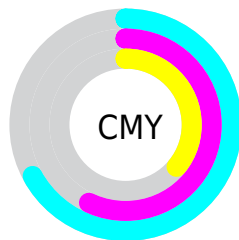
- Red (33%)
- Green (43%)
- Blue (64%)



- Red (33%)
- Yellow (40%)
- Blue (64%)



- Cyan (48%)
- Magenta (34%)
- Yellow (0%)
- Black (36%)



- Cyan (67%)
- Magenta (57%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.0940, 27.5617, -20.2534 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 108.0940, 27.5617, -20.2534 by changing the saturation by 10% instead.

■ 108.0940, 27.5617,
-20.2534

■ 108.0940, 27.5617,
-20.2534

■ 255.0000, 0.0000,
0.0000

■ 82.9690, 27.1303,
-21.8978

■ 160.4470, 28.8666,
-18.8090

■ 58.1320, 26.5569,
-24.6718

■ 187.6750, 29.7402,
-19.0090

■ 33.3980, 26.4258,
-29.2900

■ 213.2810, 20.5675,
-16.9094

■ 18.9220, 21.7305,
-16.5946

■ 238.3880, 8.1897,
-13.4953

■ 6.4350, 17.0405,
-5.6435

■ 254.1030, 0.4422,
-1.8443

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,

0.0000

■ 108.0940, 27.5617,
-20.2534

■ 108.0940, 27.5617,
-20.2534

■ 96.8530, 33.1035,
-24.4271

■ 119.3350, 22.0198,
-16.0798

■ 84.7260, 39.0821,
-28.7007

■ 131.4620, 16.0412,
-11.8062

■ 73.4850, 44.6239,
-32.8743

■ 142.7030, 10.4994,
-7.6325

■ 61.3580, 50.6025,
-37.1480

■ 154.8300, 4.5208,
-3.3589

■ 50.1170, 56.1443,
-41.3216

■ 166.0710, -1.0210,
0.8147

■ 48.0460, 57.1653,
-42.1363

■ 177.8990, -6.8522,
4.4736

■ 189.4390,
-12.5414, 9.2620

■ 200.6800,
-18.0832, 13.4356

■ 212.8070,
-24.0619, 17.7093

Harmonies

Analogous

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



92.2190, 34.4020, -67.7211



108.0940, 27.5617, -20.2534



112.7130, 18.8755, 12.5297

Triad

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



108.0940, 27.5617, -20.2534



110.2690, -17.8806, 41.8601



96.7420, -2.3378, -43.6237

Complementary

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



108.0940, 27.5617, -20.2534



140.9060, -27.5617, 20.2534

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.



103.2050, -17.8491, -15.0888



108.0940, 27.5617, -20.2534



108.5310, -25.4048, 28.4753

Square

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



108.0940, 27.5617, -20.2534



111.2060, -5.5246, 45.4233



106.5840, -25.9239, 8.2578



86.4680, 16.5313, -75.8324

Rectangle

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



108.0940, 27.5617, -20.2534



113.2760, 11.6959, 28.6989



106.5840, -25.9239, 8.2578



99.6140, -8.1907, -32.9875

Sweetspot

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



108.0940, 27.5617, -20.2534



192.7030, 10.4994, -7.6325



137.5290, 0.7252, -46.0679



93.9870, 6.4154, -4.3736



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



108.0940, 27.5617, -20.2534



126.4420, 43.1661, -31.9596



98.1920, 32.4433, 0.7086



75.7870, 3.0630, -2.4442



42.3580, 50.6025, -37.1480



4.9870, 6.4154, -4.3736

Inverse Universe

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



111.3570, -1.1620, 46.1679



131.4080, -1.6801, 72.4332



150.8080, -32.4433, -0.7086



76.0330, -0.0163, 5.2331



48.3710, -2.1549, 84.7436



5.9520, -0.4693, 10.5661

Previews

White Background



This preview shows how the YUV color 108.0940, 27.5617, -20.2534 looks on a white background.

Color Contrast Check

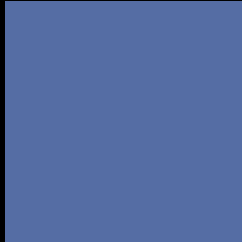
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.0940, 27.5617, -20.2534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

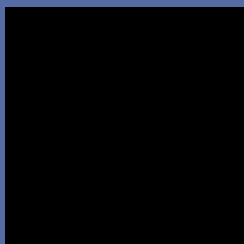
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

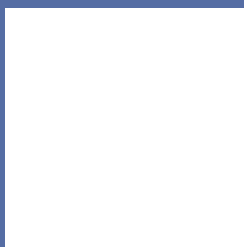
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 108.0940, 27.5617, -20.2534

Background



This preview shows how black text looks on a background with the YUV color 108.0940, 27.5617, -20.2534.



This preview shows how white text looks on a background with the YUV color 108.0940, 27.5617, -20.2534.

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

108.0940, 27.5617, -20.2534

Protanopia

109.1870, 26.5298, -15.9500

Deuteranopia

108.0940, 27.5617, -20.2534



Tritanopia

104.8700, 10.4171, -27.9500

Trichromacy



Original Color

108.0940, 27.5617, -20.2534

Protanomaly

108.5890, 26.8246, -17.1796

Deuteranomaly

108.0940, 27.5617, -20.2534

Tritanomaly

105.9010, 16.8108, -25.3462

Monochromacy



Original Color

108.0940, 27.5617, -20.2534

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.8880, 9.9152, -6.9178

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.0940, 27.5617, -20.2534 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(85, 109, 164)` looks like.

```
.text, #text, p{  
    color:rgb(85, 109, 164)  
}
```

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(85, 109, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 109, 164) }
```

Border

The CSS property to change the border of an element to YUV 108.0940, 27.5617, -20.2534 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(85, 109, 164) }
```


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

```
.border{ border-color:rgb(85, 109, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 109, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 109, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 109, 164);  
box-shadow:4px 4px 4px 4px rgb(85, 109,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 108.0940, 27.5617, -20.2534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 109, 164) }
```

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

```
.background{ background-color: rgb(85, 109,  
164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor