

Converting Colors

YUV(95.4360, 32.3231, -7.3984)

Have a look what the booklet for
YUV(95.4360, 32.3231, -7.3984)
contains.

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Color

**YUV(95.4360, 32.3231,
-7.3984)**

Conversions

Conversions Part 1

Format	Color
Hex	5757A1
RGB	87, 87, 161
RGB Percent	34%, 34%, 63%
CMY	0.6588, 0.6588, 0.3686
CMYK	0.46, 0.46, 0.00, 0.37
HSL	240°, 30%, 49%
HSV	240°, 46%, 63%
XYZ	13.7717, 11.4158, 35.1958
YIQ	95.4360, -23.7540, 23.0140

Conversions

Conversions Part 2

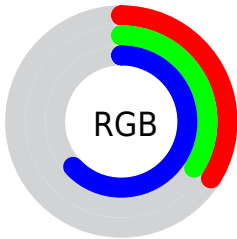
Format	Color
R_{YB}	87, 87, 161
Decimal	5724065
CIE _{Lab}	40.27, 20.06, -40.24
CIE _{LCh}	40, 44.962, 296.501
Yxy	11.4158, 0.2281, 0.1891
Android (android.graphics.Color)	4283914145 (0xFF5757A1)
YUV	95.4360, 32.3231, -7.3984
Hunter-Lab	33.7873, 13.6287, -38.1105

Details

The YUV color **95.4360, 32.3231, -7.3984** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **152.5640, -32.3231, 7.3984**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.2020, 33.9174, -5.4392**, and **46.6480, 30.7395, -12.8463** is the 20% darker color. If you saturate the color by 10%, you get **81.2600, 39.3118, -8.9980**, and if you desaturate by 10%, it is **109.6120, 25.3343, -5.7987**.

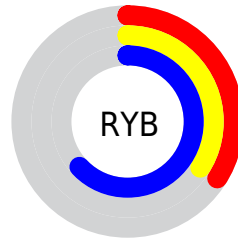
Distribution



Red (34%)

Green (34%)

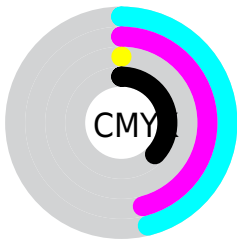
Blue (63%)



Red (34%)

Yellow (34%)

Blue (63%)

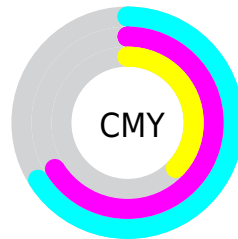


Cyan (46%)

Magenta (46%)

Yellow (0%)

Black (37%)



Cyan (66%)

Magenta (66%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.4360, 32.3231, -7.3984 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 95.4360, 32.3231, -7.3984 by changing the saturation by 10% instead.

■ 95.4360, 32.3231,
-7.3984

■ 95.4360, 32.3231,
-7.3984

■ 255.0000, 0.0000,
0.0000

■ 70.7840, 31.1655,
-9.4576

■ 147.2020, 33.9174,
-5.4392

■ 46.6480, 30.7395,
-12.8463

■ 173.8430, 35.0804,
-5.1243

■ 22.4900, 30.3244,
-19.7237

■ 199.2040, 27.5074,
-2.8099

■ 6.9540, 26.6447,
-6.0987

■ 224.3110, 15.1297,
0.6043

■ 5.5060, 16.0195,
-4.8288

■ 249.4180, 2.7519,
4.0184

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,

0.0000

■ 95.4360, 32.3231,
-7.3984

■ 95.4360, 32.3231,
-7.3984

■ 81.2600, 39.3118,
-8.9980

■ 109.6120, 25.3343,
-5.7987

■ 67.0840, 46.3006,
-10.5977

■ 123.7880, 18.3455,
-4.1991

■ 52.9080, 53.2894,
-12.1973

■ 137.9640, 11.3567,
-2.5994

■ 38.7320, 60.2781,
-13.7970

■ 152.1400, 4.3680,
-0.9998

■ 24.5560, 67.2669,
-15.3966

■ 167.2020, -3.0576,
0.6998

■ 18.3540, 70.3245,
-16.0965

■ 181.3780,
-10.0464, 2.2995

■ 195.5540,
-17.0351, 3.8991

■ 209.7300,
-24.0239, 5.4988

■ 223.9060,
-31.0127, 7.0984

Harmonies

Analogous

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



77.8520, 44.4430, -68.2762



95.4360, 32.3231, -7.3984



97.5460, 18.9578, 32.8472

Triad

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



95.4360, 32.3231, -7.3984



92.3160, -29.2428, 46.2039



75.8900, 6.4632, -66.5555

Complementary

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



95.4360, 32.3231, -7.3984



152.5640, -32.3231, 7.3984

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.



78.2830, -12.9575, -44.0982



95.4360, 32.3231, -7.3984



90.2410, -39.0658, 23.4676

Square

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



95.4360, 32.3231, -7.3984



92.1170, -13.8617, 59.5334



86.7860, -32.4325, -4.1973



80.2220, 23.0616, -70.3547

Rectangle

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



95.4360, 32.3231, -7.3984



95.0230, 8.8627, 50.8458



86.7860, -32.4325, -4.1973



73.8210, 1.0742, -64.7410

Sweetspot

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



95.4360, 32.3231, -7.3984



183.3060, 12.6671, -2.8994



138.8740, 10.9081, -45.4935



89.0520, 7.8624, -1.7996



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.



95.4360, 32.3231, -7.3984



107.1100, 50.2318, -11.4975



106.4990, 26.8690, 15.3484



74.0260, 3.9312, -0.8998



16.5300, 63.3357, -14.4968



2.0520, 7.8624, -1.7996

Inverse Universe

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



117.5620, 21.4149, 38.0951



141.4950, 33.2800, 59.2019



141.5010, -26.8690, -15.3484



76.7170, 2.6045, 4.6332



59.8850, 41.9617, 74.6459



7.4340, 5.2090, 9.2664

Previews

White Background



This preview shows how the YUV color 95.4360, 32.3231, -7.3984 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 95.4360, 32.3231, -7.3984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

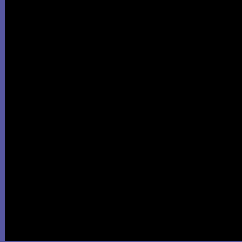
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.4360, 32.3231, -7.3984

Background



This preview shows how black text looks on a background with the YUV color 95.4360, 32.3231, -7.3984.



This preview shows how white text looks on a background with the YUV color 95.4360, 32.3231, -7.3984.

-7.3984.

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

95.4360, 32.3231, -7.3984

Protanopia

91.1670, 36.8927, -26.4565

Deuteranopia

89.7270, 34.1516, -33.9636



Tritanopia

91.8390, 7.4744, -17.3988

Trichromacy



Original Color

95.4360, 32.3231, -7.3984

Protanomaly

92.4560, 35.2712, -19.6939

Deuteranomaly

91.9670, 33.5403, -24.5271

Tritanomaly

93.2660, 16.6309, -14.2653

Monochromacy



Original Color

95.4360, 32.3231, -7.3984

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.0780, 11.7935, -2.6994

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.4360, 32.3231, -7.3984 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(87, 87, 161)` looks like.

```
.text, #text, p{  
    color:rgb(87, 87, 161)  
}
```

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(87, 87, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 87, 161) }
```

Border

The CSS property to change the border of an element to YUV 95.4360, 32.3231, -7.3984 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(87, 87, 161) }
```


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

```
.border{ border-color:rgb(87, 87, 161) }
```

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

Here you see how a box with a 4 pixel rgb(87, 87, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 87, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 87, 161);  
box-shadow:4px 4px 4px 4px rgb(87, 87,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 95.4360, 32.3231, -7.3984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 87, 161) }
```

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

```
.background{ background-color: rgb(87, 87,  
161) }
```

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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