

Converting Colors

YUV(95.8010, 32.1431, 3.6825)

Have a look what the booklet for
YUV(95.8010, 32.1431, 3.6825)
contains.

YUV(95.8010, 32.1431, 3.6825)	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(95.8010, 32.1431,
3.6825)**

Conversions

Conversions Part 1

Format	Color
Hex	6451A1
RGB	100, 81, 161
RGB Percent	39%, 32%, 63%
CMY	0.6078, 0.6824, 0.3686
CMYK	0.38, 0.50, 0.00, 0.37
HSL	254°, 33%, 47%
HSV	254°, 50%, 63%
XYZ	14.6310, 11.1674, 35.1026
YIQ	95.8010, -14.3560, 28.9080

Conversions

Conversions Part 2

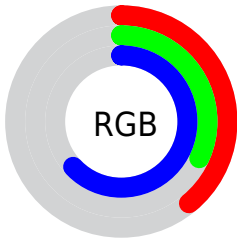
Format	Color
R_{YB}	100, 81, 161
Decimal	6574497
CIE _{Lab}	39.86, 27.19, -40.83
CIE _{LCh}	40, 49.050, 303.661
Yxy	11.1674, 0.2402, 0.1834
Android (android.graphics.Color)	4284764577 (0xFF6451A1)
YUV	95.8010, 32.1431, 3.6825
Hunter-Lab	33.4177, 19.6703, -38.8871

Details


The YUV color **95.8010, 32.1431, 3.6825** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **146.1990, -32.1431, -3.6825**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.5670, 33.7375, 5.6417**, and **47.9100, 30.1174, 0.0789** is the 20% darker color. If you saturate the color by 10%, you get **82.8210, 38.5422, 4.5420**, and if you desaturate by 10%, it is **108.7810, 25.7440, 2.8231**.

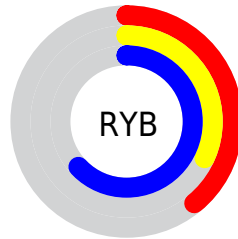
Distribution



 Red (39%)

 Green (32%)

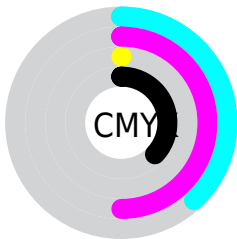
 Blue (63%)




 Red (39%)

 Yellow (32%)

 Blue (63%)

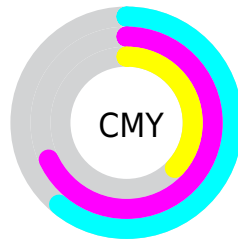


 Cyan (38%)

 Magenta (50%)

 Yellow (0%)

 Black (37%)



 Cyan (61%)

 Magenta (68%)

 Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.8010, 32.1431, 3.6825 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 95.8010, 32.1431, 3.6825 by changing the saturation by 10% instead.

95.8010, 32.1431,
3.6825

95.8010, 32.1431,
3.6825

255.0000, 0.0000,
0.0000

71.4480, 30.8381,
2.2381

147.5670, 33.7375,
5.6417

47.9100, 30.1174,
0.0789

174.2080, 34.9005,
5.9566

24.0620, 29.5494,
-4.4394

199.8680, 27.1801,
8.8858

6.9540, 26.6447,
-6.0987

224.9750, 14.8023,
12.2999

5.5060, 16.0195,
-4.8288

246.1950, 4.3409,
7.7220

2.1830, 5.8258,
-1.9145

0.0000, 0.0000,

0.0000

■ 95.8010, 32.1431,
3.6825

■ 95.8010, 32.1431,
3.6825

■ 82.8210, 38.5422,
4.5420

■ 108.7810, 25.7440,
2.8231

■ 69.5420, 45.0888,
4.7867

■ 122.0600, 19.1974,
2.5784

■ 56.5620, 51.4879,
5.6461

■ 135.0400, 12.7983,
1.7189

■ 43.5820, 57.8871,
6.5056

■ 148.0200, 6.3991,
0.8595

■ 30.0150, 64.5756,
7.8798

■ 161.5870, -0.2894,
-0.5148

■ 29.7160, 64.7230,
7.2651

■ 174.8660, -6.8359,
-0.7595

■ 187.8460,
-13.2351, -1.6189

■ 200.8260,
-19.6342, -2.4784

■ 213.8060,
-26.0334, -3.3379

Harmonies

Analogous

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



76.7750, 47.9319, -67.3317



95.8010, 32.1431, 3.6825



94.8680, 17.3201, 44.8428

Triad

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



95.8010, 32.1431, 3.6825



89.8830, -35.9313, 44.8296



76.9160, 10.3944, -67.4553

Complementary

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



95.8010, 32.1431, 3.6825



146.1990, -32.1431, -3.6825

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.



70.9540, -7.3723, -62.2267



95.8010, 32.1431, 3.6825



87.7690, -43.2701, 18.6196

Square

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



95.8010, 32.1431, 3.6825



89.8740, -18.6719, 62.3775



83.1330, -32.1106, -14.1486



81.3620, 27.4295, -71.3545

Rectangle

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



95.8010, 32.1431, 3.6825



91.6930, 6.0674, 60.7822



83.1330, -32.1106, -14.1486



75.3200, 4.2792, -66.0556

Sweetspot

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



95.8010, 32.1431, 3.6825



183.6270, 12.5089, 1.2041



125.9270, 17.2910, -39.4010



89.3620, 7.7095, 0.5595



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.



95.8010, 32.1431, 3.6825



106.9210, 50.3249, 5.3313



107.7610, 26.2468, 28.2736



74.6240, 3.6364, 0.3298



26.9950, 58.1765, 7.0204



3.2480, 7.2727, 0.6595

Inverse Universe

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



111.8740, 14.8521, 43.0835



132.2050, 23.0699, 67.3492



134.2390, -26.2468, -28.2736



76.4890, 1.7309, 4.8331



56.0090, 27.1106, 78.0451



6.9780, 3.4618, 9.6663

Previews

White Background



This preview shows how the YUV color 95.8010, 32.1431, 3.6825 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 95.8010, 32.1431, 3.6825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

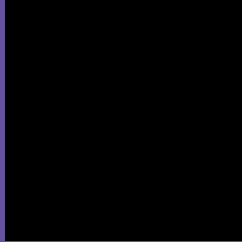
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.8010, 32.1431, 3.6825

Background



This preview shows how black text looks on a background with the YUV color 95.8010, 32.1431, 3.6825.



This preview shows how white text looks on a background with the YUV color 95.8010, 32.1431,

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

95.8010, 32.1431, 3.6825

Protanopia

89.0570, 40.3979, -30.7450

Deuteranopia

88.7270, 34.1516, -33.9636



Tritanopia

93.5200, 4.6736, -5.7180

Trichromacy



Original Color

95.8010, 32.1431, 3.6825

Protanomaly

91.3360, 37.3024, -17.8347

Deuteranomaly

91.2880, 33.3820, -20.4236

Tritanomaly

94.4740, 14.5563, -2.1697

Monochromacy



Original Color

95.8010, 32.1431, 3.6825

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.1000, 11.7827, 0.7893

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.8010, 32.1431, 3.6825 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(100, 81, 161)` looks like.

```
.text, #text, p{  
    color:rgb(100, 81, 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(100, 81, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 81, 161) }
```

Border

The CSS property to change the border of an element to YUV 95.8010, 32.1431, 3.6825 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(100, 81, 161) }
```


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

```
.border{ border-color:rgb(100, 81, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 81, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 81, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 81, 161);  
box-shadow:4px 4px 4px 4px rgb(100, 81,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 95.8010, 32.1431, 3.6825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 81, 161) }
```

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

```
.background{ background-color: rgb(100, 81,  
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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