

Converting Colors

YUV(95.6790, 37.1333,
-10.2425)

Have a look what the booklet for
YUV(95.6790, 37.1333, -10.2425)
contains.

YUV(95.6790, 37.1333, -10.2425)	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(95.6790, 37.1333,
-10.2425)**

Conversions

Conversions Part 1

Format	Color
Hex	5457AB
RGB	84, 87, 171
RGB Percent	33%, 34%, 67%
CMY	0.6706, 0.6588, 0.3294
CMYK	0.51, 0.49, 0.00, 0.33
HSL	238°, 34%, 50%
HSV	238°, 51%, 67%
XYZ	14.4150, 11.6415, 40.0154
YIQ	95.6790, -28.7520, 25.4880

Conversions

Conversions Part 2

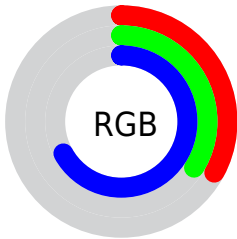
Format	Color
R _Y B	84, 87, 171
Decimal	5527467
CIE Lab	40.64, 22.50, -45.60
CIE LCh	41, 50.851, 296.264
Yxy	11.6415, 0.2182, 0.1762
Android (android.graphics.Color)	4283717547 (0xFF5457AB)
YUV	95.6790, 37.1333, -10.2425
Hunter-Lab	34.1196, 15.7043, -45.6513

Details

The YUV color **95.6790, 37.1333, -10.2425** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **159.3210, -37.1333, 10.2425**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.8580, 39.0170, -7.7685**, and **45.2820, 35.8500, -18.6643** is the 20% darker color. If you saturate the color by 10%, you get **80.6170, 44.5588, -11.9421**, and if you desaturate by 10%, it is **110.7410, 29.7077, -8.5429**.

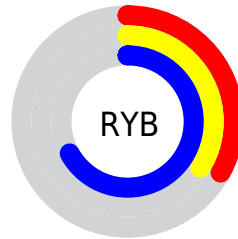
Distribution



Red (33%)

Green (34%)

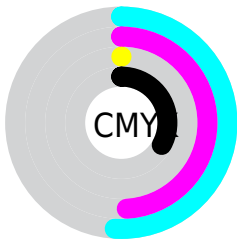
Blue (67%)



Red (33%)

Yellow (34%)

Blue (67%)

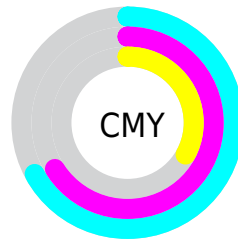


Cyan (51%)

Magenta (49%)

Yellow (0%)

Black (33%)



Cyan (67%)

Magenta (66%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.6790, 37.1333, -10.2425 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 95.6790, 37.1333, -10.2425 by changing the saturation by 10% instead.

■ 95.6790, 37.1333,
-10.2425

■ 95.6790, 37.1333,
-10.2425

■ 255.0000, 0.0000,
0.0000

■ 70.7280, 36.1231,
-12.9165

■ 147.8580, 39.0170,
-7.7685

■ 45.2820, 35.8500,
-18.6643

■ 174.6840, 39.5958,
-6.7389

■ 23.5160, 34.2556,
-20.6235

■ 198.9050, 27.6548,
-3.4247

■ 7.8660, 30.1391,
-6.8985

■ 224.0120, 15.2771,
-0.0105

■ 6.8910, 18.7877,
-6.0434

■ 249.4180, 2.7519,
4.0184

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,

0.0000

■ 95.6790, 37.1333,
-10.2425

■ 95.6790, 37.1333,
-10.2425

■ 80.6170, 44.5588,
-11.9421

■ 110.7410, 29.7077,
-8.5429

■ 66.1420, 51.6950,
-14.1565

■ 125.2160, 22.5715,
-6.3284

■ 51.0800, 59.1206,
-15.8562

■ 140.2780, 15.1459,
-4.6288

■ 36.6050, 66.2567,
-18.0706

■ 154.7530, 8.0098,
-2.4144

■ 23.0160, 72.9561,
-20.1850

■ 169.8150, 0.5842,
-0.7148

■ 184.5890, -6.6994,
2.1144

■ 199.6510,
-14.1249, 3.8141

■ 214.1260,
-21.2611, 6.0285

■ 229.1880,
-28.6867, 7.7281

Harmonies

Analogous

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



80.2800, 48.6690, -70.4056



95.6790, 37.1333, -10.2425



97.7900, 22.2885, 37.8952

Triad

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



95.6790, 37.1333, -10.2425



91.9100, -33.4796, 51.8219



77.0640, 5.8844, -67.5851

Complementary

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



95.6790, 37.1333, -10.2425



159.3210, -37.1333, 10.2425

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.



71.2980, -12.4719, -59.8973



95.6790, 37.1333, -10.2425



89.8840, -44.3128, 26.4117

Square

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



95.6790, 37.1333, -10.2425



90.7590, -14.1782, 67.7404



85.4240, -40.1420, -4.7568



82.5530, 24.3774, -72.3990

Rectangle

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



95.6790, 37.1333, -10.2425



94.3490, 11.1669, 58.4529



85.4240, -40.1420, -4.7568



75.4680, -0.2307, -66.1854

Sweetspot

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



95.6790, 37.1333, -10.2425



193.3490, 14.1249, -3.8141



144.5310, 11.0772, -53.0857



94.8670, 8.4466, -2.5144



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



95.6790, 37.1333, -10.2425



104.7380, 57.8102, -15.5562



105.5790, 32.2526, 15.2782



79.0260, 3.9312, -0.8998



20.0350, 64.0727, -17.5707



3.2090, 9.7570, -2.8143

Inverse Universe

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



110.3550, -11.5140, 53.1857



127.8210, -18.1528, 82.5950



149.4210, -32.2526, -15.2782



80.6910, -1.3267, 5.5330



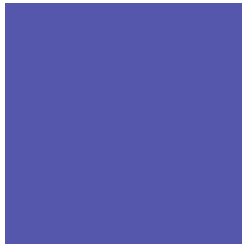
45.4200, -19.9271, 91.7167



6.9910, -2.9536, 14.0399

Previews

White Background



This preview shows how the YUV color 95.6790, 37.1333, -10.2425 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 95.6790, 37.1333, -10.2425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

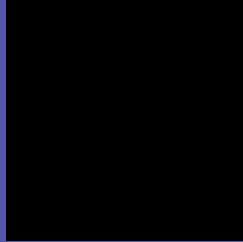
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.6790, 37.1333, -10.2425

Background



This preview shows how black text looks on a background with the YUV color 95.6790, 37.1333, -10.2425.



This preview shows how white text looks on a background with the YUV color 95.6790, 37.1333, -10.2425.

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

95.6790, 37.1333, -10.2425

Protanopia

90.3170, 42.7347, -33.6040

Deuteranopia

85.4740, 41.1783, -47.7737



Tritanopia

91.8490, 8.9484, -23.5466

Trichromacy



Original Color

95.6790, 37.1333, -10.2425

Protanomaly

92.5030, 40.6710, -24.9971

Deuteranomaly

88.9210, 39.9719, -34.1337

Tritanomaly

93.5150, 18.9731, -18.8687

Monochromacy



Original Color

95.6790, 37.1333, -10.2425

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.1210, 13.2513, -3.6141

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.6790, 37.1333, -10.2425 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(84, 87, 171)` looks like.

```
.text, #text, p{  
    color:rgb(84, 87, 171)  
}
```

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(84, 87, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 87, 171) }
```

Border

The CSS property to change the border of an element to YUV 95.6790, 37.1333, -10.2425 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(84, 87, 171) }
```


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

```
.border{ border-color:rgb(84, 87, 171) }
```

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

Here you see how a box with a 4 pixel rgb(84, 87, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 87, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 87, 171);  
box-shadow:4px 4px 4px 4px rgb(84, 87,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 95.6790, 37.1333, -10.2425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 87, 171) }
```

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

```
.background{ background-color: rgb(84, 87,  
171) }
```

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