

Converting Colors

YUV(97.2890, 31.9025,
-12.5315)

Have a look what the booklet for
YUV(97.2890, 31.9025, -12.5315)
contains.

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Color

**YUV(97.2890, 31.9025,
-12.5315)**

Conversions

Conversions Part 1

Format	Color
Hex	535CA2
RGB	83, 92, 162
RGB Percent	33%, 36%, 64%
CMY	0.6745, 0.6392, 0.3647
CMYK	0.49, 0.43, 0.00, 0.36
HSL	233°, 32%, 48%
HSV	233°, 49%, 64%
XYZ	13.9160, 12.1019, 35.7849
YIQ	97.2890, -27.8340, 19.8620

Conversions

Conversions Part 2

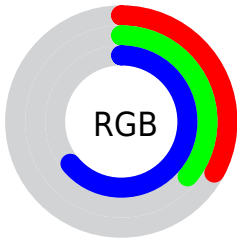
Format	Color
R _Y B	83, 91, 162
Decimal	5463202
CIE Lab	41.38, 16.21, -39.09
CIE LCh	41, 42.322, 292.523
Yxy	12.1019, 0.2252, 0.1958
Android (android.graphics.Color)	4283653282 (0xFF535CA2)
YUV	97.2890, 31.9025, -12.5315
Hunter-Lab	34.7878, 10.5258, -36.6378

Details

The YUV color **97.2890, 31.9025, -12.5315** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **147.7110, -31.9025, 12.5315**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.0550, 33.4969, -10.5722**, and **47.9030, 30.6138, -19.2089** is the 20% darker color. If you saturate the color by 10%, you get **84.2870, 38.3125, -15.1607**, and if you desaturate by 10%, it is **110.2910, 25.4925, -9.9022**.

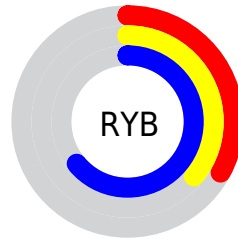
Distribution



Red (33%)

Green (36%)

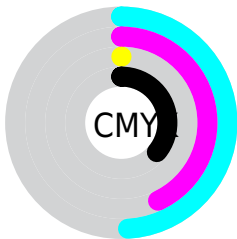
Blue (64%)



Red (33%)

Yellow (36%)

Blue (64%)

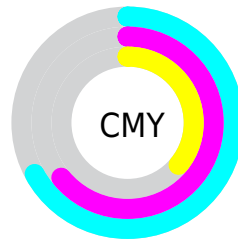


Cyan (49%)

Magenta (43%)

Yellow (0%)

Black (36%)



Cyan (67%)

Magenta (64%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.2890, 31.9025, -12.5315 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 97.2890, 31.9025, -12.5315 by changing the saturation by 10% instead.

■ 97.2890, 31.9025,
-12.5315

■ 97.2890, 31.9025,
-12.5315

■ 255.0000, 0.0000,
0.0000

■ 72.6370, 30.7450,
-14.5906

■ 149.0550, 33.4969,
-10.5722

■ 47.9030, 30.6138,
-19.2089

■ 175.6960, 34.6599,
-10.2574

■ 24.9520, 29.6037,
-21.8829

■ 201.8290, 26.2133,
-7.7430

■ 6.9540, 26.6447,
-6.0987

■ 226.0500, 14.2724,
-4.4288

■ 6.2070, 16.1669,
-5.4435

■ 251.7440, 1.6052,
-1.5295

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,

0.0000

■ 97.2890, 31.9025,
-12.5315

■ 97.2890, 31.9025,
-12.5315

■ 84.2870, 38.3125,
-15.1607

■ 110.2910, 25.4925,
-9.9022

■ 70.6980, 45.0119,
-17.2751

■ 123.8800, 18.7932,
-7.7878

■ 57.3970, 51.5693,
-20.5192

■ 137.1810, 12.2358,
-4.5437

■ 44.3950, 57.9793,
-23.1484

■ 150.1830, 5.8258,
-1.9145

■ 30.8060, 64.6786,
-25.2629

■ 163.7720, -0.8736,
0.2000

■ 29.0340, 65.5522,
-25.4628

■ 176.7740, -7.2836,
2.8292

■ 189.7760,
-13.6936, 5.4584

■ 203.6640,
-20.5404, 8.1877

■ 216.6660,
-26.9503, 10.8169

Harmonies

Analogous

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



79.9720, 42.4118, -70.1354



97.2890, 31.9025, -12.5315



100.3280, 19.5583, 26.8993

Triad

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



97.2890, 31.9025, -12.5315



95.5270, -25.8958, 46.0188



76.8360, 5.0109, -67.3852

Complementary

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



97.2890, 31.9025, -12.5315



147.7110, -31.9025, 12.5315

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.



84.6650, -15.6108, -33.0322



97.2890, 31.9025, -12.5315



93.9900, -34.9981, 25.4418

Square

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



97.2890, 31.9025, -12.5315



96.3770, -11.5249, 56.6744



91.4490, -31.2804, -0.3938



80.9400, 20.7356, -70.9844

Rectangle

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



97.2890, 31.9025, -12.5315



98.9190, 9.8999, 44.7980



91.4490, -31.2804, -0.3938



74.8810, 0.0587, -65.6706

Sweetspot

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



97.2890, 31.9025, -12.5315



185.9960, 12.8200, -5.2585



137.3530, 7.7140, -47.6676



91.3400, 7.7204, -2.9292



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.



97.2890, 31.9025, -12.5315



109.4680, 50.5483, -19.7044



100.9760, 30.0848, 10.5450



74.6130, 3.6418, -1.4146



26.5090, 58.4161, -23.2484



3.2260, 7.2836, -2.8292

Inverse Universe

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



107.6470, -7.7140, 47.6676



125.9710, -12.3107, 75.4474



144.0240, -30.0848, -10.5450



75.8050, -0.8899, 5.4330



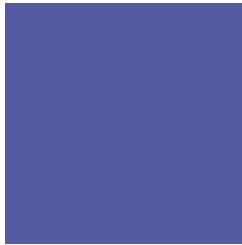
45.2930, -13.9484, 87.4430



5.6100, -1.7797, 10.8660

Previews

White Background



This preview shows how the YUV color 97.2890, 31.9025, -12.5315 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 97.2890, 31.9025, -12.5315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

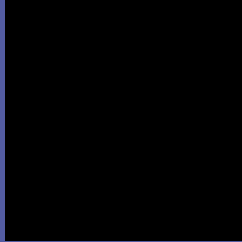
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.2890, 31.9025, -12.5315

Background



This preview shows how black text looks on a background with the YUV color 97.2890, 31.9025, -12.5315.



This preview shows how white text looks on a background with the YUV color 97.2890, 31.9025, -12.5315.

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

97.2890, 31.9025, -12.5315

Protanopia

94.9070, 34.5558, -23.5974

Deuteranopia

92.9230, 33.5620, -31.5045



Tritanopia

93.4470, 8.6536, -22.3170

Trichromacy



Original Color

97.2890, 31.9025, -12.5315

Protanomaly

95.7010, 33.6714, -19.9088

Deuteranomaly

94.4400, 32.8141, -24.9419

Tritanomaly

94.7600, 17.3733, -19.0835

Monochromacy



Original Color

97.2890, 31.9025, -12.5315

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.0670, 11.7990, -4.4438

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.2890, 31.9025, -12.5315 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(83, 92, 162)` looks like.

```
.text, #text, p{  
    color:rgb(83, 92, 162)  
}
```

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(83, 92, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 92, 162) }
```

Border

The CSS property to change the border of an element to YUV 97.2890, 31.9025, -12.5315 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(83, 92, 162) }
```


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

```
.border{ border-color:rgb(83, 92, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 92, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 92, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 92, 162);  
box-shadow:4px 4px 4px 4px rgb(83, 92,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 97.2890, 31.9025, -12.5315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 92, 162) }
```

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

```
.background{ background-color: rgb(83, 92,  
162) }
```

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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