

# Converting Colors

YUV(91.2430, 25.0232, 0.6639)

Have a look what the booklet for  
YUV(91.2430, 25.0232, 0.6639)  
contains.

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# Color

**YUV(91.2430, 25.0232,  
0.6639)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C518E
RGB	92, 81, 142
RGB Percent	36%, 32%, 56%
CMY	0.6392, 0.6824, 0.4431
CMYK	0.35, 0.43, 0.00, 0.44
HSL	251°, 27%, 44%
HSV	251°, 43%, 56%
XYZ	12.2385, 10.1132, 26.8982
YIQ	91.2430, -13.0250, 21.3030

# Conversions

## Conversions Part 2

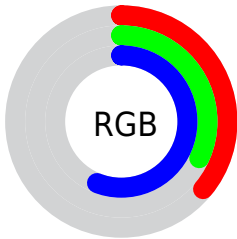
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 81, 142
Decimal	6050190
CIE <sub>Lab</sub>	38.04, 19.53, -32.31
CIE <sub>LCh</sub>	38, 37.757, 301.153
Yxy	10.1132, 0.2485, 0.2053
Android (android.graphics.Color)	4284240270 (0xFF5C518E)
YUV	91.2430, 25.0232, 0.6639
Hunter-Lab	31.8012, 13.0428, -27.8880

# Details

The YUV color **91.2430, 25.0232, 0.6639** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **131.7570, -25.0232, -0.6639**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.7100, 26.7650, 2.0083**, and **44.0640, 23.1394, -1.8101** is the 20% darker color. If you saturate the color by 10%, you get **79.4370, 30.8436, 0.4938**, and if you desaturate by 10%, it is **103.0490, 19.2028, 0.8340**.

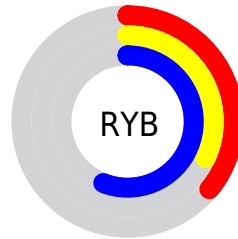
# Distribution



 Red (36%)

 Green (32%)

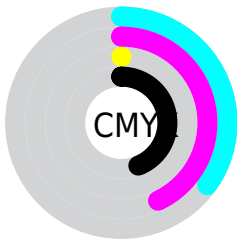
 Blue (56%)




 Red (36%)

 Yellow (32%)

 Blue (56%)

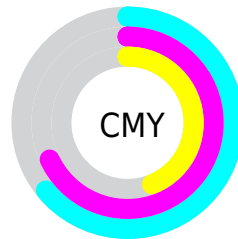



 Cyan (35%)

 Magenta (43%)

 Yellow (0%)

 Black (44%)



 Cyan (64%)

 Magenta (68%)

 Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 91.2430, 25.0232, 0.6639 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 91.2430, 25.0232, 0.6639 by changing the saturation by 10% instead.



91.2430, 25.0232,  
0.6639

91.2430, 25.0232,  
0.6639

255.0000, 0.0000,  
0.0000

67.3030, 24.0076,  
-0.2657

141.7100, 26.7650,  
2.0083

44.0640, 23.1394,  
-1.8101

168.8240, 27.2018,  
1.9084

21.8140, 22.2767,  
-5.0989

195.7640, 28.2173,  
2.8380

5.1300, 19.6559,  
-4.4990

221.0990, 16.7132,  
6.0522

3.2090, 9.7570,  
-2.8143

245.6080, 4.6303,  
8.2368

0.0000, 0.0000,  
0.0000

■ 91.2430, 25.0232,  
0.6639

■ 91.2430, 25.0232,  
0.6639

■ 79.4370, 30.8436,  
0.4938

■ 103.0490, 19.2028,  
0.8340

■ 67.9300, 36.5165,  
0.9384

■ 114.5560, 13.5299,  
0.3894

■ 55.5370, 42.6263,  
1.2831

■ 126.9490, 7.4201,  
0.0447

■ 43.7310, 48.4466,  
1.1129

■ 138.7550, 1.5998,  
0.2149

■ 32.2240, 54.1196,  
1.5576

■ 150.2620, -4.0732,  
-0.2298

■ 23.9620, 58.1927,  
1.7873

■ 162.0680, -9.8935,  
-0.0596

■ 173.5750,  
-15.5665, -0.5043

■ 185.9680,

-21.6762, -0.8489

■ 197.7740,  
-27.4966, -0.6788

# Harmonies

## Analogous

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



77.7850, 36.0950, -50.6774



91.2430, 25.0232, 0.6639



92.4550, 13.5797, 31.1730

# Triad

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



91.2430, 25.0232, 0.6639



87.8740, -25.5739, 36.0675



71.3080, 9.2152, -62.5371

# Complementary

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



91.2430, 25.0232, 0.6639



131.7570, -25.0232, -0.6639

# 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.



75.5700, -8.1690, -39.9649



91.2430, 25.0232, 0.6639



85.7870, -30.4610, 16.8498

# Square

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



91.2430, 25.0232, 0.6639



88.6380, -14.1185, 48.5525



82.9410, -24.1279, -7.8413



74.7280, 22.3191, -65.5365



# Rectangle

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



91.2430, 25.0232, 0.6639



90.5400, 4.6638, 44.2534



82.9410, -24.1279, -7.8413



70.0540, 4.4104, -61.4374

# Sweetspot

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



91.2430, 25.0232, 0.6639



163.9320, 9.8935, 0.0596



117.8910, 11.8857, -32.3534



79.6070, 6.1097, 0.3447



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



91.2430, 25.0232, 0.6639



104.0270, 39.4267, 0.8533



100.2130, 20.6010, 19.1072



65.3960, 2.7628, 0.5297



22.5660, 55.4300, 1.2576



1.2110, 3.3470, -0.1850



# Inverse Universe

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



104.9390, 12.8481, 32.5025



125.5960, 19.9192, 51.2203



122.7870, -20.6010, -19.1072



66.7770, 1.5889, 3.7036



53.0190, 28.5846, 71.8973



3.0760, 1.4415, 4.3183



# Previews

## White Background



This preview shows how the YUV color 91.2430, 25.0232, 0.6639 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 91.2430, 25.0232, 0.6639 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

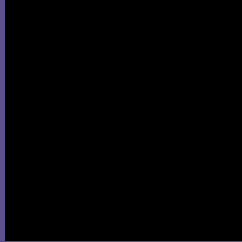
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

# YUV 91.2430, 25.0232, 0.6639

## Background



This preview shows how black text looks on a background with the YUV color 91.2430, 25.0232, 0.6639.



This preview shows how white text looks on a background with the YUV color 91.2430, 25.0232,

0.6639.

# 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

91.2430, 25.0232, 0.6639

### Protanopia

87.9630, 29.5982, -20.1386

### Deuteranopia

87.6270, 25.8199, -21.5979



## Tritanopia

89.1070, 4.3842, -6.2328

# Trichromacy



## Original Color

91.2430, 25.0232, 0.6639

## Protanomaly

88.9640, 28.1187, -12.2464

## Deuteranomaly

89.2690, 25.5034, -13.3909

## Tritanomaly

89.7790, 11.9410, -3.3142

# Monochromacy



## Original Color

91.2430, 25.0232, 0.6639

## Achromatopsia

91.0000, 0.0000, 0.0000

## Achromatomaly

90.8180, 9.4567, 0.1596

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 91.2430, 25.0232, 0.6639 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(92, 81, 142)` looks like.

```
.text, #text, p{  
    color:rgb(92, 81, 142)  
}
```

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(92, 81, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 81, 142) }
```

## Border

The CSS property to change the border of an element to YUV 91.2430, 25.0232, 0.6639 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(92, 81, 142) }
```



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

```
.border{ border-color:rgb(92, 81, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 81, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 81, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 81, 142);  
box-shadow:4px 4px 4px 4px rgb(92, 81,  
142) }
```

# Background

The CSS property to change the background color of an element to YUV 91.2430, 25.0232, 0.6639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 81, 142) }
```

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

```
.background{ background-color: rgb(92, 81,  
142) }
```

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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