

Converting Colors

YUV(122.1000, 25.0937,
-22.0127)

Have a look what the booklet for
YUV(122.1000, 25.0937, -22.0127)
contains.

YUV(122.1000, 25.0937, -22.0127)	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(122.1000, 25.0937,
-22.0127)**

Conversions

Conversions Part 1

Format	Color
Hex	617DAD
RGB	97, 125, 173
RGB Percent	38%, 49%, 68%
CMY	0.6196, 0.5098, 0.3216
CMYK	0.44, 0.28, 0.00, 0.32
HSL	218°, 32%, 53%
HSV	218°, 44%, 68%
XYZ	19.8062, 20.2257, 42.3952
YIQ	122.1000, -32.0960, 8.9920

Conversions

Conversions Part 2

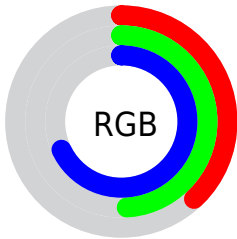
Format	Color
R_{YB}	97, 117, 173
Decimal	6389165
CIE _{Lab}	52.09, 2.93, -28.64
CIE _{LCh}	52, 28.794, 275.848
Y _{xy}	20.2257, 0.2403, 0.2454
Android (android.graphics.Color)	4284579245 (0xFF617DAD)
YUV	122.1000, 25.0937, -22.0127
Hunter-Lab	44.9730, -0.0911, -24.4104

Details

The YUV color $122.1000, 25.0937, -22.0127$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $147.9000, -25.0937, 22.0127$, and the grayscale version is $122.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $175.1540, 26.5461, -21.1831$, and $71.4480, 23.9361, -24.0719$ is the 20% darker color. If you saturate the color by 10%, you get $110.5600, 30.7829, -26.8011$, and if you desaturate by 10%, it is $133.6400, 19.4045, -17.2243$.

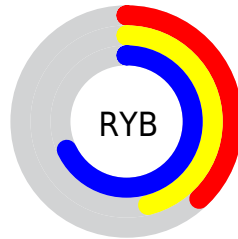
Distribution



Red (38%)

Green (49%)

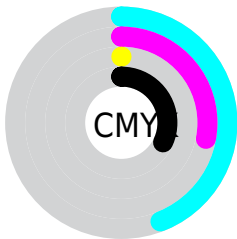
Blue (68%)



Red (38%)

Yellow (46%)

Blue (68%)

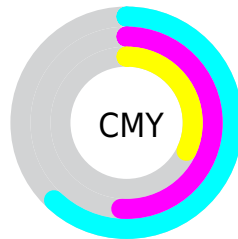


Cyan (44%)

Magenta (28%)

Yellow (0%)

Black (32%)



Cyan (62%)

Magenta (51%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.1000, 25.0937, -22.0127 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 122.1000, 25.0937, -22.0127 by changing the saturation by 10% instead.

■ 122.1000, 25.0937,
-22.0127

■ 122.1000, 25.0937,
-22.0127

■ 255.0000, 0.0000,
0.0000

■ 96.5730, 24.3675,
-22.4275

■ 175.1540, 26.5461,
-21.1831

■ 71.4480, 23.9361,
-24.0719

■ 202.6270, 25.8199,
-21.5979

■ 46.1160, 24.0998,
-29.9197

■ 227.7340, 13.4421,
-18.1837

■ 27.4650, 21.4628,
-24.0868

■ 249.0200, 2.9481,
-12.2955

■ 10.8690, 18.7986,
-9.5321

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 122.1000, 25.0937,
-22.0127

■ 122.1000, 25.0937,
-22.0127

■ 110.5600, 30.7829,
-26.8011

■ 133.6400, 19.4045,
-17.2243

■ 98.7210, 36.6195,
-32.2043

■ 145.4790, 13.5679,
-11.8211

■ 87.1810, 42.3088,
-36.9927

■ 157.0190, 7.8786,
-7.0327

■ 75.6410, 47.9980,
-41.7812

■ 168.5590, 2.1894,
-2.2442

■ 64.1010, 53.6872,
-46.5696

■ 180.3980, -3.6472,
3.1590

■ 57.2900, 57.0450,
-50.2433

■ 191.9380, -9.3364,
7.9474

■ 202.8910,
-14.7363, 13.2506

■ 214.4310,
-20.4255, 18.0390

■ 226.2700,
-26.2621, 23.4422

Harmonies

Analogous

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



113.1950, 27.5119, -51.0370



122.1000, 25.0937, -22.0127



126.8540, 18.3130, 6.2670

Triad

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



122.1000, 25.0937, -22.0127



125.2840, -13.9440, 39.2159



115.4940, -6.1595, -31.1282

Complementary

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



122.1000, 25.0937, -22.0127



147.9000, -25.0937, 22.0127

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.



118.9500, -17.7233, -8.7262



122.1000, 25.0937, -22.0127



124.1550, -21.7684, 28.8051

Square

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



122.1000, 25.0937, -22.0127



126.7430, -3.3243, 39.6904



122.0020, -23.1720, 12.2762



109.6510, 9.0461, -54.9449

Rectangle

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



122.1000, 25.0937, -22.0127



127.9330, 11.8650, 21.1068



122.0020, -23.1720, 12.2762



117.0990, -10.4018, -23.7658

Sweetspot

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



122.1000, 25.0937, -22.0127



204.7630, 9.4838, -8.5622



146.9700, -1.4642, -43.8237



100.1610, 5.8366, -5.4032



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.



122.1000, 25.0937, -22.0127



144.3940, 39.2458, -34.5485



108.3550, 31.8700, -2.0653



80.7870, 3.0630, -2.4442



49.3850, 49.6032, -43.3106



7.3180, 7.7312, -6.4179

Inverse Universe

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



122.9160, 1.0274, 43.9237



145.5970, 1.6777, 68.7594



161.6450, -31.8700, 2.0653



81.0330, -0.0163, 5.2331



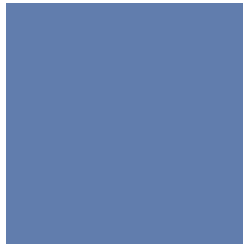
51.1200, 1.9128, 86.7178



7.7890, 0.1040, 13.3400

Previews

White Background



This preview shows how the YUV color 122.1000, 25.0937, -22.0127 looks on a white background.

Color Contrast Check

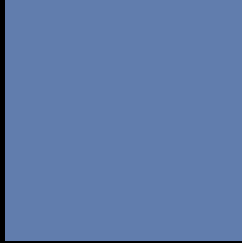
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 122.1000, 25.0937, -22.0127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

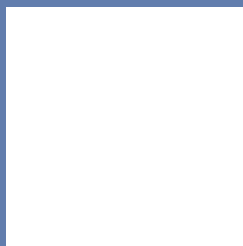
Any Text WCAG AAA × Fail

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

YUV 122.1000, 25.0937, -22.0127 Background



This preview shows how black text looks on a background with the YUV color 122.1000, 25.0937, -22.0127.

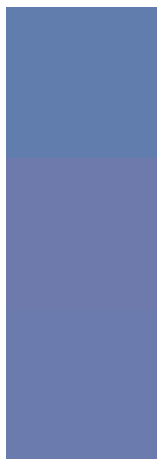


This preview shows how white text looks on a background with the YUV color 122.1000, 25.0937, -22.0127.

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

122.1000, 25.0937, -22.0127

Protanopia

123.6990, 23.3194, -12.8910

Deuteranopia

124.0300, 24.6352, -14.9353



Tritanopia

119.2830, 10.7065, -27.4352

Trichromacy



Original Color

122.1000, 25.0937, -22.0127

Protanomaly

123.2040, 24.0564, -15.9649

Deuteranomaly

123.4210, 24.9354, -17.9092

Tritanomaly

120.3740, 16.0846, -25.7610

Monochromacy



Original Color

122.1000, 25.0937, -22.0127

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.0620, 9.3364, -7.9474

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.1000, 25.0937, -22.0127 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(97, 125, 173)` looks like.

```
.text, #text, p{  
    color:rgb(97, 125, 173)  
}
```

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(97, 125, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 125, 173) }
```

Border

The CSS property to change the border of an element to YUV 122.1000, 25.0937, -22.0127 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(97, 125, 173) }
```


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

```
.border{ border-color:rgb(97, 125, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 125, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 125, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 125, 173);  
box-shadow:4px 4px 4px 4px rgb(97, 125,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 122.1000, 25.0937, -22.0127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 125, 173) }
```

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

```
.background{ background-color: rgb(97, 125,  
173) }
```

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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