

Converting Colors

YUV(122.5670, 20.4265,
28.4437)

Have a look what the booklet for
YUV(122.5670, 20.4265, 28.4437)
contains.

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Color

**YUV(122.5670, 20.4265,
28.4437)**

Conversions

Conversions Part 1

Format	Color
Hex	9B62A4
RGB	155, 98, 164
RGB Percent	61%, 38%, 64%
CMY	0.3922, 0.6157, 0.3569
CMYK	0.05, 0.40, 0.00, 0.36
HSL	292°, 27%, 51%
HSV	292°, 40%, 64%
XYZ	24.5861, 18.3843, 37.3746
YIQ	122.5670, 12.7860, 32.6100

Conversions

Conversions Part 2

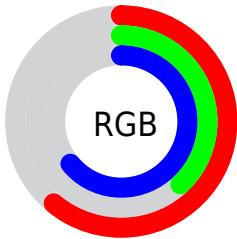
Format	Color
RYB	155, 98, 164
Decimal	10183332
CIELab	49.96, 34.28, -26.31
CIELCh	50, 43.211, 322.488
Yxy	18.3843, 0.3060, 0.2288
Android (android.graphics.Color)	4288373412 (0xFF9B62A4)
YUV	122.5670, 20.4265, 28.4437
Hunter-Lab	42.8769, 27.3194, -21.6677

Details

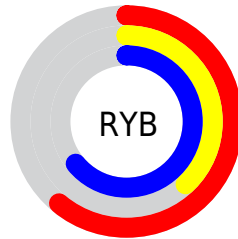
The YUV color **122.5670, 20.4265, 28.4437** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **139.4330, -20.4265, -28.4437**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.1050, 21.1472, 30.6029**, and **72.0290, 19.7057, 26.2846** is the 20% darker color. If you saturate the color by 10%, you get **112.5770, 25.3515, 35.4510**, and if you desaturate by 10%, it is **132.5570, 15.5014, 21.4365**.

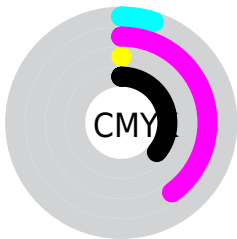
Distribution



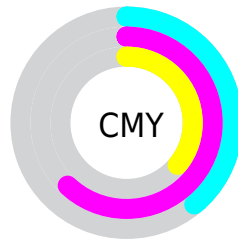
- Red (61%)
- Green (38%)
- Blue (64%)



- Red (61%)
- Yellow (38%)
- Blue (64%)



- Cyan (5%)
- Magenta (40%)
- Yellow (0%)
- Black (36%)



- Cyan (39%)
- Magenta (62%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.5670, 20.4265, 28.4437 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 122.5670, 20.4265, 28.4437 by changing the saturation by 10% instead.

122.5670, 20.4265,
28.4437

122.5670, 20.4265,
28.4437

255.0000, 0.0000,
0.0000

96.8550, 20.2845,
27.3142

176.1050, 21.1472,
30.6029

72.0290, 19.7057,
26.2846

203.6320, 21.8734,
31.0177

47.6160, 19.4163,
25.7698

225.6500, 14.4696,
25.7400

23.1430, 20.1425,
26.1846

242.0860, 6.3666,
11.3256

14.9540, 13.3337,
16.7033

2.7530, 8.0098,
-2.4144

0.0000, 0.0000,

0.0000

122.5670, 20.4265,
28.4437

122.5670, 20.4265,
28.4437

112.5770, 25.3515,
35.4510

132.5570, 15.5014,
21.4365

102.0000, 30.5660,
42.9730

143.1340, 10.2869,
13.9145

91.7110, 35.6385,
49.3655

153.4230, 5.2145,
7.5220

81.1340, 40.8529,
56.8875

164.0000, 0.0000,
0.0000

71.1440, 45.7780,
63.8947

173.9900, -4.9251,
-7.0072

61.1540, 50.7031,
70.9019

183.9800, -9.8501,
-14.0145

■ 194.8560,
-15.2120, -20.9217

■ 204.8460,
-20.1371, -27.9289

■ 215.4230,
-25.3515, -35.4510

Harmonies

Analogous

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



119.0440, 33.5023, -12.3166



122.5670, 20.4265, 28.4437



120.5950, 4.6367, 52.9752

Triad

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



122.5670, 20.4265, 28.4437



115.7730, -35.8771, 27.3861



97.0630, 24.1259, -85.1243

Complementary

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



122.5670, 20.4265, 28.4437



139.4330, -20.4265, -28.4437

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.



92.7310, 7.5276, -81.3251



122.5670, 20.4265, 28.4437



112.2210, -32.1540, -0.1938

Square

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



122.5670, 20.4265, 28.4437



117.6800, -27.9432, 49.3926



106.6110, -17.0632, -33.8618



98.7220, 38.0981, -86.5792

Rectangle

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



122.5670, 20.4265, 28.4437



118.9520, -6.8783, 59.6781



106.6110, -17.0632, -33.8618



95.6950, 18.8844, -83.9245

Sweetspot

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



122.5670, 20.4265, 28.4437



197.8410, 7.9664, 11.5404



111.3940, 25.9348, -11.7465



97.5970, 4.6357, 6.4924



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.



122.5670, 20.4265, 28.4437



149.3530, 31.8710, 44.4174



122.6360, 9.0535, 36.2762



76.1190, 2.8993, 3.4036



54.2040, 44.7624, 62.9651



6.5370, 5.6513, 7.4221

Inverse Universe

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



118.7600, -5.7977, 39.6755



143.3930, -9.0677, 61.9223



139.3640, -9.0535, -36.2762



75.9190, -0.4531, 5.3330



45.6350, -12.6381, 87.1431



5.6100, -1.7797, 10.8660

Previews

White Background



This preview shows how the YUV color 122.5670, 20.4265, 28.4437 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 122.5670, 20.4265, 28.4437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

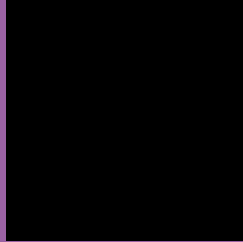
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.5670, 20.4265, 28.4437

Background



This preview shows how black text looks on a background with the YUV color 122.5670, 20.4265, 28.4437.



This preview shows how white text looks on a background with the YUV color 122.5670, 20.4265, 28.4437.

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

122.5670, 20.4265, 28.4437

Protanopia

118.3870, 29.8822, -17.8794

Deuteranopia

119.2110, 20.1090, -9.8320



Tritanopia

120.9860, -1.9651, 23.6913

Trichromacy



Original Color

122.5670, 20.4265, 28.4437

Protanomaly

119.9870, 26.6284, -0.8656

Deuteranomaly

120.2990, 20.0656, 4.1228

Tritanomaly

121.4730, 6.1758, 25.8952

Monochromacy



Original Color

122.5670, 20.4265, 28.4437

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0150, 7.3876, 10.5108

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.5670, 20.4265, 28.4437 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(155, 98, 164)` looks like.

```
.text, #text, p{  
    color:rgb(155, 98, 164)  
}
```

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(155, 98, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 98, 164) }
```

Border

The CSS property to change the border of an element to YUV 122.5670, 20.4265, 28.4437 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(155, 98, 164) }
```


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

```
.border{ border-color:rgb(155, 98, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 98, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 98, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 98, 164);  
box-shadow:4px 4px 4px 4px rgb(155, 98,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 122.5670, 20.4265, 28.4437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 98, 164) }
```

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

```
.background{ background-color: rgb(155, 98,  
164) }
```

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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