

Converting Colors

YUV(95.6030, 22.3807, 8.2412)

Have a look what the booklet for
YUV(95.6030, 22.3807, 8.2412)
contains.

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Color

**YUV(95.6030, 22.3807,
8.2412)**

Conversions

Conversions Part 1

Format	Color
Hex	69528D
RGB	105, 82, 141
RGB Percent	41%, 32%, 55%
CMY	0.5882, 0.6784, 0.4471
CMYK	0.26, 0.42, 0.00, 0.45
HSL	263°, 26%, 44%
HSV	263°, 42%, 55%
XYZ	13.6507, 10.9609, 26.5955
YIQ	95.6030, -5.2310, 23.2250

Conversions

Conversions Part 2

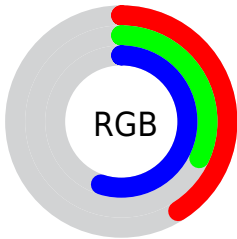
Format	Color
R_{YB}	105, 82, 141
Decimal	6902413
CIE _{Lab}	39.51, 22.56, -29.31
CIE _{LCh}	40, 36.981, 307.586
Yxy	10.9609, 0.2666, 0.2141
Android (android.graphics.Color)	4285092493 (0xFF69528D)
YUV	95.6030, 22.3807, 8.2412
Hunter-Lab	33.1073, 15.6609, -24.4533

Details

The YUV color **95.6030, 22.3807, 8.2412** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **127.3970, -22.3807, -8.2412**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.6570, 23.8331, 9.0708**, and **48.7230, 20.3496, 6.3819** is the 20% darker color. If you saturate the color by 10%, you get **84.6940, 27.7589, 9.9154**, and if you desaturate by 10%, it is **106.5120, 17.0026, 6.5670**.

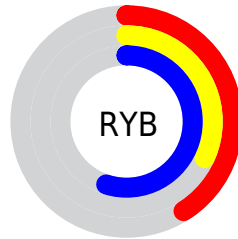
Distribution



Red (41%)

Green (32%)

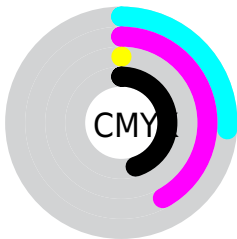
Blue (55%)



Red (41%)

Yellow (32%)

Blue (55%)

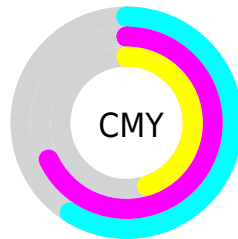


Cyan (26%)

Magenta (42%)

Yellow (0%)

Black (45%)



Cyan (59%)

Magenta (68%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.6030, 22.3807, 8.2412 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 95.6030, 22.3807, 8.2412 by changing the saturation by 10% instead.

■ 95.6030, 22.3807,
8.2412

■ 95.6030, 22.3807,
8.2412

■ 255.0000, 0.0000,
0.0000

■ 71.6630, 21.3651,
7.3115

■ 146.6570, 23.8331,
9.0708

■ 48.7230, 20.3496,
6.3819

■ 173.4830, 24.4119,
10.1004

■ 26.5980, 19.9182,
4.7376

■ 201.0100, 25.1381,
10.5152

■ 9.2020, 17.1554,
4.2078

■ 226.4590, 14.0707,
13.6295

■ 3.2090, 9.7570,
-2.8143

■ 246.7820, 4.0515,
7.2072

■ 0.0000, 0.0000,
0.0000

95.6030, 22.3807,
8.2412

95.6030, 22.3807,
8.2412

84.6940, 27.7589,
9.9154

106.5120, 17.0026,
6.5670

74.0840, 32.9896,
12.2043

117.1220, 11.7719,
4.2780

63.1750, 38.3677,
13.8785

128.0310, 6.3937,
2.6038

52.5650, 43.5985,
16.1675

138.6410, 1.1630,
0.3148

41.0690, 49.2660,
18.3565

150.1370, -4.5045,
-1.8741


32.5190, 53.4811,
19.7158

161.0460, -9.8827,
-3.5483

171.6560,
-15.1134, -5.8373

182.5650,

-20.4915, -7.5115

 193.1750,
-25.7223, -9.8005

Harmonies

Analogous

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



87.8690, 32.1096, -32.3341



95.6030, 22.3807, 8.2412



95.6790, 10.5113, 35.3615

Triad

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



95.6030, 22.3807, 8.2412



91.0970, -27.1628, 32.3639



74.7960, 12.4256, -65.5961

Complementary

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



95.6030, 22.3807, 8.2412



127.3970, -22.3807, -8.2412

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.



76.0680, -3.4845, -49.1716



95.6030, 22.3807, 8.2412



89.3950, -29.2817, 11.9316

Square

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



95.6030, 22.3807, 8.2412



92.2310, -16.8759, 46.2784



86.0050, -21.2015, -13.1594



77.5150, 25.3821, -67.9807

Rectangle

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



95.6030, 22.3807, 8.2412



94.0410, 1.4588, 45.5680



86.0050, -21.2015, -13.1594



73.6560, 8.0576, -64.5963

Sweetspot

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



95.6030, 22.3807, 8.2412



165.4270, 9.1565, 3.1335



109.8580, 15.3530, -24.4315



80.5040, 5.6675, 2.1890



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.



95.6030, 22.3807, 8.2412



113.2520, 34.8788, 12.9340



104.2740, 18.1059, 26.0697



65.6950, 2.6154, 1.1445



31.2370, 51.1552, 19.0862



1.8090, 3.0522, 1.0445

Inverse Universe

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



103.7450, 7.0277, 32.6726



125.8920, 10.8992, 50.9607



118.7260, -18.1059, -26.0697



66.6630, 1.1521, 3.8035



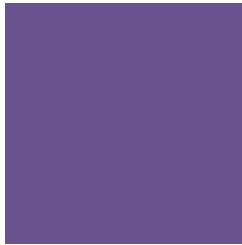
49.7130, 15.9175, 74.7967



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 95.6030, 22.3807, 8.2412 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 95.6030, 22.3807, 8.2412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

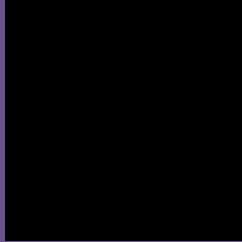
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.6030, 22.3807, 8.2412

Background



This preview shows how black text looks on a background with the YUV color 95.6030, 22.3807, 8.2412.



This preview shows how white text looks on a background with the YUV color 95.6030, 22.3807,

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

95.6030, 22.3807, 8.2412

Protanopia

91.6320, 28.2824, -18.0943

Deuteranopia

92.2640, 23.0408, -16.8945



Tritanopia

93.5920, 2.1731, 2.9888

Trichromacy



Original Color

95.6030, 22.3807, 8.2412

Protanomaly

93.1170, 26.0713, -8.8726

Deuteranomaly

93.6180, 22.8663, -7.5580

Tritanomaly

94.5520, 9.5879, 4.7779

Monochromacy



Original Color

95.6030, 22.3807, 8.2412

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.7860, 7.9935, 2.8187

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.6030, 22.3807, 8.2412 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(105, 82, 141)` looks like.

```
.text, #text, p{  
    color:rgb(105, 82, 141)  
}
```

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(105, 82, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 82, 141) }
```

Border

The CSS property to change the border of an element to YUV 95.6030, 22.3807, 8.2412 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(105, 82, 141) }
```


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

```
.border{ border-color:rgb(105, 82, 141) }
```

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

Here you see how a box with a 4 pixel rgb(105, 82, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 82, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 82, 141);  
box-shadow:4px 4px 4px 4px rgb(105, 82,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 95.6030, 22.3807, 8.2412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 82, 141) }
```

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

```
.background{ background-color: rgb(105, 82,  
141) }
```

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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