

Converting Colors

YUV(127.2250, 56.0911,
22.6047)

Have a look what the booklet for
YUV(127.2250, 56.0911, 22.6047)
contains.

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Color

**YUV(127.2250, 56.0911,
22.6047)**

Conversions

Conversions Part 1

Format	Color
Hex	995CF1
RGB	153, 92, 241
RGB Percent	60%, 36%, 95%
CMY	0.4000, 0.6392, 0.0549
CMYK	0.37, 0.62, 0.00, 0.05
HSL	265°, 84%, 65%
HSV	265°, 62%, 95%
XYZ	32.8412, 20.7775, 85.4986
YIQ	127.2250, -11.4730, 59.2710

Conversions

Conversions Part 2

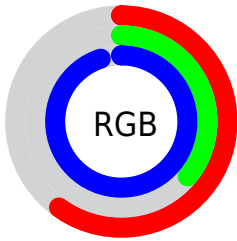
Format	Color
R_{YB}	153, 92, 241
Decimal	10050801
CIE _{Lab}	52.71, 54.71, -66.06
CIE _{LCh}	53, 85.774, 309.635
Yxy	20.7775, 0.2361, 0.1494
Android (android.graphics.Color)	4288240881 (0xFF995CF1)
YUV	127.2250, 56.0911, 22.6047
Hunter-Lab	45.5823, 48.8369, -79.3025

Details

The YUV color **127.2250, 56.0911, 22.6047** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **205.7750, -56.0911, -22.6047**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.5730, 38.1715, 30.1925**, and **72.8610, 54.7915, 19.4159** is the 20% darker color. If you saturate the color by 10%, you get **108.9510, 65.1002, 26.3530**, and if you desaturate by 10%, it is **145.4990, 47.0820, 18.8564**.

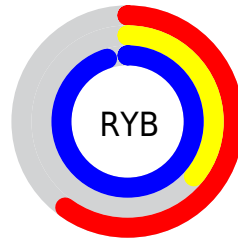
Distribution



Red (60%)

Green (36%)

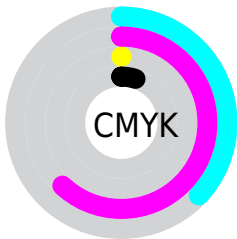
Blue (95%)



Red (60%)

Yellow (36%)

Blue (95%)

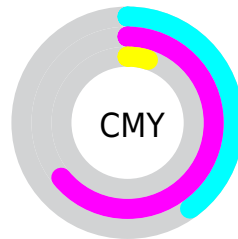


Cyan (37%)

Magenta (62%)

Yellow (0%)

Black (5%)



Cyan (40%)

Magenta (64%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.2250, 56.0911, 22.6047 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 127.2250, 56.0911, 22.6047 by changing the saturation by 10% instead.

127.2250, 56.0911,
22.6047

127.2250, 56.0911,
22.6047

255.0000, 0.0000,
0.0000

99.9860, 55.2229,
21.0603

177.5730, 38.1715,
30.1925

72.8610, 54.7915,
19.4159

202.3920, 25.9357,
34.7362

42.2030, 56.1019,
19.1160

222.7150, 15.9165,
28.3139

23.3770, 52.0721,
4.9314

239.7380, 7.5242,
13.3848

11.8560, 45.4270,
-10.3977

8.8920, 34.0702,
-7.7983

9.0910, 22.1401,

-7.9728

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 127.2250, 56.0911,
22.6047

■ 127.2250, 56.0911,
22.6047

■ 108.9510, 65.1002,
26.3530

■ 145.4990, 47.0820,
18.8564

■ 90.6770, 74.1092,
30.1013

■ 163.7730, 38.0729,
15.1081

■ 72.1040, 83.2657,
33.2348

■ 182.3460, 28.9164,
11.9746

■ 57.0750, 90.6750,
36.7682

■ 200.6200, 19.9073,
8.2263

■ 218.8940, 10.8983,
4.4780

■ 237.7550, 1.5998,
0.2149

■ 252.8060, -5.8204,
0.1701

■ 253.4040, -6.1152,
1.3997

Harmonies

Analogous

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



104.2060, 74.3414, -91.3887



127.2250, 56.0911, 22.6047



107.3620, 35.3175, 105.7995

Triad

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



127.2250, 56.0911, 22.6047



118.1680, -58.2568, 65.6277



108.5580, 19.9379, -95.2054

Complementary

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



127.2250, 56.0911, 22.6047



205.7750, -56.0911, -22.6047

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.



97.7910, -13.7010, -85.7627



127.2250, 56.0911, 22.6047



115.7780, -57.0786, 14.2267

Square

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



127.2250, 56.0911, 22.6047



107.4860, -36.7216, 111.8298



96.4660, -47.5577, -53.0287



115.9510, 50.8032, -101.6890

Rectangle

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



127.2250, 56.0911, 22.6047



88.9720, 20.2268, 139.4676



96.4660, -47.5577, -53.0287



105.5940, 8.5812, -92.6059

Sweetspot

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



127.2250, 56.0911, 22.6047



218.1530, 18.1656, 6.8818



161.2290, 39.3271, -60.7138



105.0080, 11.3351, 4.3780



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



127.2250, 56.0911, 22.6047



110.8680, 71.0571, 29.0568



149.0520, 45.3304, 67.4834



110.8630, 4.5045, 1.8741



43.4010, 69.3153, 27.7123



13.2610, 21.0703, 8.5411

Inverse Universe

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



146.5830, 16.4746, 82.8037



135.2790, 21.0615, 104.9953



183.9480, -45.3304, -67.4834



112.3860, 1.2887, 6.6775



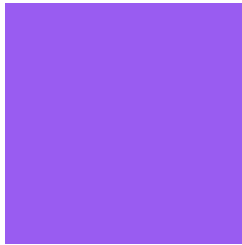
67.3280, 20.0513, 102.3213



20.5060, 6.1595, 31.1282

Previews

White Background



This preview shows how the YUV color 127.2250, 56.0911, 22.6047 looks on a white background.

Color Contrast Check

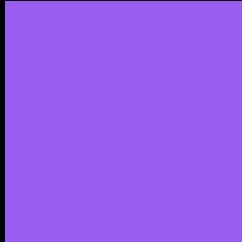
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.2250, 56.0911, 22.6047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

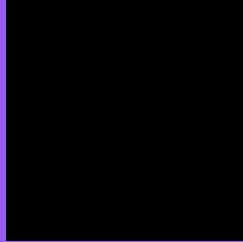
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.2250, 56.0911, 22.6047

Background



This preview shows how black text looks on a background with the YUV color 127.2250, 56.0911, 22.6047.



This preview shows how white text looks on a background with the YUV color 127.2250, 56.0911, 22.6047.

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

127.2250, 56.0911, 22.6047

Protanopia

107.2730, 72.8294, -73.0304

Deuteranopia

100.9000, 61.6743, -88.4893



Tritanopia

126.2330, 3.3361, 3.3037

Trichromacy



Original Color

127.2250, 56.0911, 22.6047



Protanomaly

114.2990, 66.9006, -37.9732



Deuteranomaly

110.5830, 59.3656, -47.8693



Tritanomaly

126.6140, 22.3753, 9.9855

Monochromacy



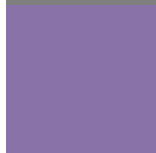
Original Color

127.2250, 56.0911, 22.6047



Achromatopsia

127.0000, 0.0000, 0.0000



Achromatomaly

126.7340, 20.3441, 8.1263

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.2250, 56.0911, 22.6047 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(153, 92, 241)` looks like.

```
.text, #text, p{  
    color:rgb(153, 92, 241)  
}
```

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(153, 92, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 92, 241) }
```

Border

The CSS property to change the border of an element to YUV 127.2250, 56.0911, 22.6047 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(153, 92, 241) }
```


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

```
.border{ border-color:rgb(153, 92, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 92, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 92, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 92, 241);  
box-shadow:4px 4px 4px 4px rgb(153, 92,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 127.2250, 56.0911, 22.6047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 92, 241) }
```

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

```
.background{ background-color: rgb(153, 92,  
241) }
```

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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