

Converting Colors

YUV(135.6240, 27.3004,
16.9928)

Have a look what the booklet for
YUV(135.6240, 27.3004, 16.9928)
contains.

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Color

**YUV(135.6240, 27.3004,
16.9928)**

Conversions

Conversions Part 1

Format	Color
Hex	9B73BF
RGB	155, 115, 191
RGB Percent	61%, 45%, 75%
CMY	0.3922, 0.5490, 0.2510
CMYK	0.19, 0.40, 0.00, 0.25
HSL	272°, 37%, 60%
HSV	272°, 40%, 75%
XYZ	29.0523, 22.9916, 52.1968
YIQ	135.6240, -0.5560, 32.1160

Conversions

Conversions Part 2

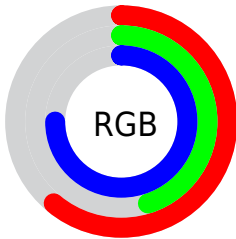
Format	Color
RYB	155, 115, 191
Decimal	10187711
CIELab	55.06, 30.50, -34.00
CIELCh	55, 45.679, 311.891
Yxy	22.9916, 0.2787, 0.2206
Android (android.graphics.Color)	4288377791 (0xFF9B73BF)
YUV	135.6240, 27.3004, 16.9928
Hunter-Lab	47.9496, 24.2400, -30.9770

Details

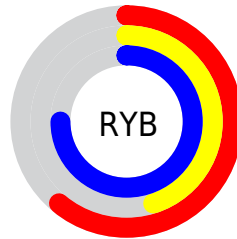
The YUV color **135.6240, 27.3004, 16.9928** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **170.3760, -27.3004, -16.9928**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.9770, 28.6053, 18.4372**, and **84.8580, 25.7060, 15.0335** is the 20% darker color. If you saturate the color by 10%, you get **121.7800, 34.1255, 21.2409**, and if you desaturate by 10%, it is **149.4680, 20.4753, 12.7446**.

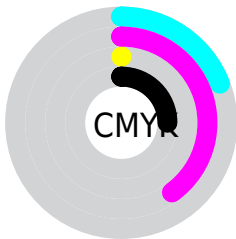
Distribution



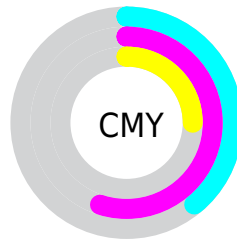
- Red (61%)
- Green (45%)
- Blue (75%)



- Red (61%)
- Yellow (45%)
- Blue (75%)



- Cyan (19%)
- Magenta (40%)
- Yellow (0%)
- Black (25%)



- Cyan (39%)
- Magenta (55%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.6240, 27.3004, 16.9928 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 135.6240, 27.3004, 16.9928 by changing the saturation by 10% instead.

■ 135.6240, 27.3004,
16.9928

■ 135.6240, 27.3004,
16.9928

■ 255.0000, 0.0000,
0.0000

■ 109.7980, 26.7216,
15.9632

■ 189.9770, 28.6053,
18.4372

■ 84.8580, 25.7060,
15.0335

■ 214.9960, 19.7220,
21.0515

■ 60.9180, 24.6904,
14.1039

■ 236.2160, 9.2605,
16.4736

■ 37.2060, 24.5484,
12.9743

■ 253.2390, 0.8682,
1.5444

■ 15.5540, 23.3909,
10.9151

■ 4.5600, 17.4719,
-3.9991

■ 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 135.6240, 27.3004,
16.9928

■ 135.6240, 27.3004,
16.9928

■ 121.7800, 34.1255,
21.2409

■ 149.4680, 20.4753,
12.7446

■ 107.9360, 40.9506,
25.4891

■ 163.3120, 13.6502,
8.4964

■ 94.0920, 47.7756,
29.7373

■ 177.1560, 6.8251,
4.2482

■ 80.2480, 54.6007,
33.9855

■ 191.0000, 0.0000,
0.0000

■ 66.4040, 61.4258,
38.2337

■ 205.4310, -7.1145,
-4.7630

■ 51.9730, 68.5403,
42.9967

■ 219.2750,
-13.9396, -9.0112

■ 233.1190,
-20.7647, -13.2594

■ 239.3320,
-23.8277, -10.8152

■ 242.0230,
-25.1543, -5.2822

Harmonies

Analogous

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



127.9320, 39.9665, -32.3894



135.6240, 27.3004, 16.9928



134.5930, 11.0467, 50.3459

Triad

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



135.6240, 27.3004, 16.9928



129.3230, -36.6412, 39.1817



105.9820, 20.2219, -92.9462

Complementary

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



135.6240, 27.3004, 16.9928



170.3760, -27.3004, -16.9928

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.



106.7120, -0.3510, -74.2924



135.6240, 27.3004, 16.9928



126.5060, -37.7175, 10.9572

Square

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



135.6240, 27.3004, 16.9928



130.6580, -24.4814, 59.0589



121.2120, -25.2475, -22.1109



108.4390, 37.2516, -95.1010

Rectangle

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



135.6240, 27.3004, 16.9928



132.8690, -0.9214, 62.3819



121.2120, -25.2475, -22.1109



103.7990, 14.3961, -91.0317

Sweetspot

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



135.6240, 27.3004, 16.9928



225.7910, 10.4560, 6.3223



145.3830, 22.4892, -26.6459



112.0420, 6.3883, 4.3482



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



135.6240, 27.3004, 16.9928



160.9900, 42.4029, 26.3188



146.2740, 21.5569, 39.2247



87.5210, 3.1941, 2.1741



42.8290, 56.7793, 35.2300



8.3180, 11.1822, 6.7371

Inverse Universe

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



141.8280, 4.5218, 43.1238



170.6660, 7.0667, 66.9449



159.7260, -21.5569, -39.2247



88.1470, 0.4205, 5.1331



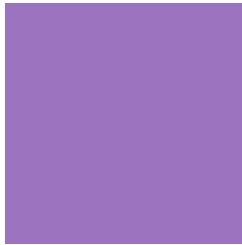
55.7920, 9.4695, 89.6364



10.8650, 1.5456, 17.6584

Previews

White Background



This preview shows how the YUV color 135.6240, 27.3004, 16.9928 looks on a white background.

Color Contrast Check

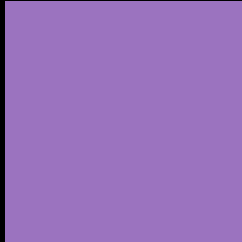
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.6240, 27.3004, 16.9928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

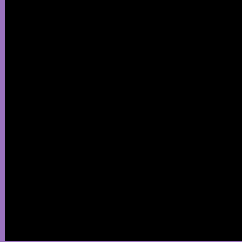
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.6240, 27.3004, 16.9928

Background



This preview shows how black text looks on a background with the YUV color 135.6240, 27.3004, 16.9928.



This preview shows how white text looks on a background with the YUV color 135.6240, 27.3004,

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

135.6240, 27.3004, 16.9928

Protanopia

131.1460, 35.4240, -22.0530

Deuteranopia

131.5180, 27.8456, -17.9943



Tritanopia

133.8210, 1.5672, 10.6810

Trichromacy



Original Color

135.6240, 27.3004, 16.9928

Protanomaly

133.1370, 32.4705, -8.0131

Deuteranomaly

132.8940, 27.6603, -5.1690

Tritanomaly

134.6500, 11.0186, 12.5850

Monochromacy



Original Color

135.6240, 27.3004, 16.9928

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.6770, 10.0192, 6.4223

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.6240, 27.3004, 16.9928 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, 115, 191)` looks like.

```
.text, #text, p{  
    color:rgb(155, 115, 191)  
}
```

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, 115, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 115, 191) }
```

Border

The CSS property to change the border of an element to YUV 135.6240, 27.3004, 16.9928 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, 115, 191) }
```


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

```
.border{ border-color:rgb(155, 115, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 115, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 115, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 115, 191);  
box-shadow:4px 4px 4px 4px rgb(155, 115,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 135.6240, 27.3004, 16.9928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 115, 191) }
```

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

```
.background{ background-color: rgb(155,  
115, 191) }
```

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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