

Converting Colors

YUV(140.6240, 27.3004,
16.9928)

Have a look what the booklet for
YUV(140.6240, 27.3004, 16.9928)
contains.

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Color

**YUV(140.6240, 27.3004,
16.9928)**

Conversions

Conversions Part 1

Format	Color
Hex	A078C4
RGB	160, 120, 196
RGB Percent	63%, 47%, 77%
CMY	0.3725, 0.5294, 0.2314
CMYK	0.18, 0.39, 0.00, 0.23
HSL	272°, 39%, 62%
HSV	272°, 39%, 77%
XYZ	31.1775, 24.8920, 55.3860
YIQ	140.6240, -0.5560, 32.1160

Conversions

Conversions Part 2

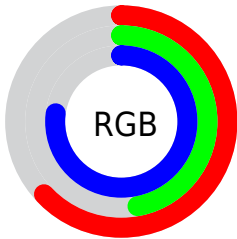
Format	Color
RYB	160, 120, 196
Decimal	10516676
CIELab	56.97, 30.30, -33.84
CIELCh	57, 45.427, 311.842
Yxy	24.8920, 0.2797, 0.2233
Android (android.graphics.Color)	4288706756 (0xFFA078C4)
YUV	140.6240, 27.3004, 16.9928
Hunter-Lab	49.8919, 24.2338, -30.8946

Details

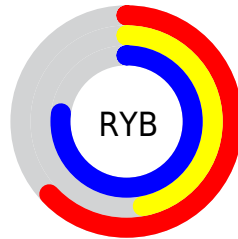
The YUV color **140.6240, 27.3004, 16.9928** is a light color, and the websafe version is hex **996699**. A complement of this color would be **175.3760, -27.3004, -16.9928**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.9770, 28.6053, 18.4372**, and **89.8580, 25.7060, 15.0335** is the 20% darker color. If you saturate the color by 10%, you get **126.1930, 34.4149, 21.7557**, and if you desaturate by 10%, it is **155.0550, 20.1859, 12.2298**.

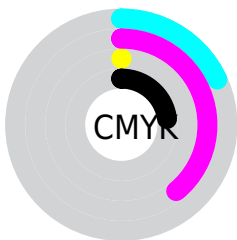
Distribution



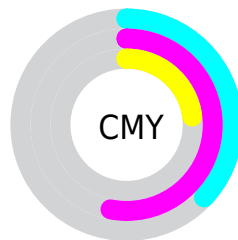
- Red (63%)
- Green (47%)
- Blue (77%)



- Red (63%)
- Yellow (47%)
- Blue (77%)



- Cyan (18%)
- Magenta (39%)
- Yellow (0%)
- Black (23%)



- Cyan (37%)
- Magenta (53%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.6240, 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 140.6240, 27.3004, 16.9928 by changing the saturation by 10% instead.

■ 140.6240, 27.3004,
16.9928

■ 140.6240, 27.3004,
16.9928

255.0000, 0.0000,
0.0000

■ 114.7980, 26.7216,
15.9632

■ 194.9770, 28.6053,
18.4372

■ 89.8580, 25.7060,
15.0335

■ 219.7250, 17.3906,
22.1662

■ 65.0320, 25.1272,
14.0039

■ 239.7380, 7.5242,
13.3848

■ 42.0920, 24.1116,
13.0743

■ 18.9670, 23.6803,
11.4299

■ 6.6250, 18.9189,
-1.4251

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 140.6240, 27.3004,
16.9928

■ 140.6240, 27.3004,
16.9928

■ 126.1930, 34.4149,
21.7557

■ 155.0550, 20.1859,
12.2298

■ 112.0500, 41.3874,
25.3892

■ 169.1980, 13.2134,
8.5964

■ 97.6190, 48.5018,
30.1521

■ 183.6290, 6.0989,
3.8334

■ 83.7750, 55.3269,
34.4003

■ 197.4730, -0.7262,
-0.4148

■ 69.3440, 62.4414,
39.1633

■ 211.9040, -7.8407,
-5.1778

■ 54.6140, 69.7033,
43.3115

■ 226.6340,
-15.1026, -9.3260

■ 53.1410, 70.4295,
43.7263

■ 239.3040,
-21.3489, -12.5446

■ 241.9950,
-22.6755, -7.0116

■ 244.9850,
-24.1496, -0.8638

Harmonies

Analogous

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



133.2310, 39.8191, -31.7746



140.6240, 27.3004, 16.9928



139.5930, 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.



140.6240, 27.3004, 16.9928



134.6220, -36.7886, 39.7965



109.4870, 20.9589, -96.0201

Complementary

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



140.6240, 27.3004, 16.9928



175.3760, -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.



113.5060, -1.2355, -70.6038



140.6240, 27.3004, 16.9928



131.8050, -37.8649, 11.5720

Square

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



140.6240, 27.3004, 16.9928



135.6580, -24.4814, 59.0589



126.2120, -25.2475, -22.1109



112.5310, 37.6992, -98.6897

Rectangle

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



140.6240, 27.3004, 16.9928



138.4560, -1.2108, 61.8671



126.2120, -25.2475, -22.1109



107.8910, 14.8437, -94.6204

Sweetspot

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



140.6240, 27.3004, 16.9928



232.6170, 11.0348, 7.3519



150.3830, 22.4892, -26.6459



114.7430, 6.5357, 3.7334



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.



140.6240, 27.3004, 16.9928



167.5170, 43.1291, 26.7336



151.2740, 21.5569, 39.2247



89.6350, 3.6309, 2.0741



43.7690, 57.7949, 36.1596



8.8450, 11.9084, 7.1519

Inverse Universe

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



146.8280, 4.5218, 43.1238



177.3780, 7.2086, 68.0745



164.7260, -21.5569, -39.2247



90.5600, 0.7099, 5.6479



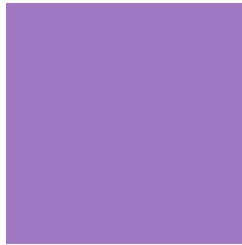
56.8030, 9.4641, 91.3808



11.6910, 2.1243, 18.6880

Previews

White Background



This preview shows how the YUV color 140.6240, 27.3004, 16.9928 looks on a white background.

Color Contrast Check

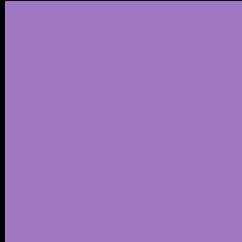
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.6240, 27.3004, 16.9928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

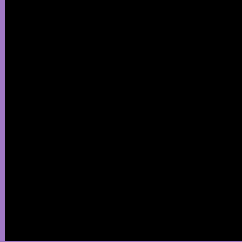
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.6240, 27.3004, 16.9928

Background



This preview shows how black text looks on a background with the YUV color 140.6240, 27.3004, 16.9928.



This preview shows how white text looks on a background with the YUV color 140.6240, 27.3004, 16.9928.

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

140.6240, 27.3004, 16.9928

Protanopia

135.5590, 35.7134, -21.5382

Deuteranopia

136.2300, 27.9876, -16.8647



Tritanopia

138.2340, 1.8566, 11.1958

Trichromacy



Original Color

140.6240, 27.3004, 16.9928

Protanomaly

137.5500, 32.7598, -7.4984

Deuteranomaly

138.1930, 27.5129, -4.5543

Tritanomaly

139.0630, 11.3079, 13.0997

Monochromacy



Original Color

140.6240, 27.3004, 16.9928

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.6770, 10.0192, 6.4223

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.6240, 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(160, 120, 196)` looks like.

```
.text, #text, p{  
    color:rgb(160, 120, 196)  
}
```

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(160, 120, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 120, 196) }
```

Border

The CSS property to change the border of an element to YUV 140.6240, 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(160, 120, 196) }
```


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

```
.border{ border-color:rgb(160, 120, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 120, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 120, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 120, 196);  
box-shadow:4px 4px 4px 4px rgb(160, 120,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 140.6240, 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(160, 120, 196) }
```

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

```
.background{ background-color: rgb(160,  
120, 196) }
```

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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