

Converting Colors

YUV(157.0240, 27.5962,
62.2460)

Have a look what the booklet for
YUV(157.0240, 27.5962, 62.2460)
contains.

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Color

**YUV(157.0240, 27.5962,
62.2460)**

Conversions

Conversions Part 1

Format	Color
Hex	E46ED5
RGB	228, 110, 213
RGB Percent	89%, 43%, 84%
CMY	0.1059, 0.5686, 0.1647
CMYK	0.00, 0.52, 0.07, 0.11
HSL	308°, 69%, 66%
HSV	308°, 52%, 89%
XYZ	49.5811, 32.4499, 66.6010
YIQ	157.0240, 37.2650, 57.0490

Conversions

Conversions Part 2

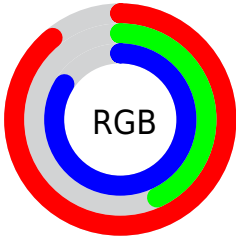
Format	Color
R _Y B	228, 110, 213
Decimal	14970581
CIE Lab	63.71, 58.91, -32.34
CIE LCh	64, 67.199, 331.235
Yxy	32.4499, 0.3336, 0.2183
Android (android.graphics.Color)	4293160661 (0xFFE46ED5)
YUV	157.0240, 27.5962, 62.2460
Hunter-Lab	56.9648, 55.6744, -29.4441

Details

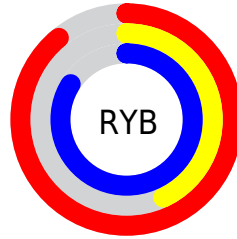
The YUV color **157.0240, 27.5962, 62.2460** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **180.9760, -27.5962, -62.2460**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.7570, 25.7558, 45.8171**, and **100.5400, 28.3278, 60.9164** is the 20% darker color. If you saturate the color by 10%, you get **143.1810, 32.9418, 74.3863**, and if you desaturate by 10%, it is **170.8670, 22.2506, 50.1056**.

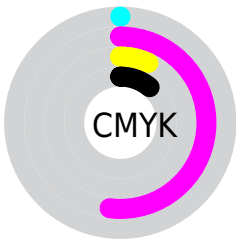
Distribution



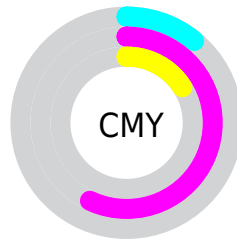
- Red (89%)
- Green (43%)
- Blue (84%)



- Red (89%)
- Yellow (43%)
- Blue (84%)



- Cyan (0%)
- Magenta (52%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (57%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.0240, 27.5962, 62.2460 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 157.0240, 27.5962, 62.2460 by changing the saturation by 10% instead.

157.0240, 27.5962,
62.2460

157.0240, 27.5962,
62.2460

255.0000, 0.0000,
0.0000

128.7250, 27.7436,
61.6312

202.7570, 25.7558,
45.8171

100.5400, 28.3278,
60.9164

219.1930, 17.6529,
31.4027

68.6590, 31.2271,
64.3201

236.2160, 9.2605,
16.4736

46.1700, 29.4962,
59.4869

253.8260, 0.5788,
1.0296

35.2470, 22.5562,
45.3874

24.8510, 16.3425,
31.7027

14.5690, 10.5655,

17.9180

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 157.0240, 27.5962,
62.2460

■ 157.0240, 27.5962,
62.2460

■ 143.1810, 32.9418,
74.3863

■ 170.8670, 22.2506,
50.1056

■ 129.3380, 38.2874,
86.5266

■ 184.7100, 16.9050,
37.9653

■ 116.0820, 43.3436,
98.1521

■ 197.9660, 11.8488,
26.3398

■ 102.2390, 48.6892,
110.2924

■ 211.8090, 6.5032,
14.1995

90.8580, 53.3140,
120.2735

225.5380, 0.7208,
2.1592

239.3810, -4.6248,
-9.9811

244.4190, -5.6296,
-14.3995

244.7610, -4.3192,
-14.6994

245.1030, -3.0088,
-14.9993

Harmonies

Analogous

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



156.1330, 48.7414, -0.1166



157.0240, 27.5962, 62.2460



148.9790, 2.4754, 92.9804

Triad

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



157.0240, 27.5962, 62.2460



143.5710, -69.7945, 32.8252



131.3440, 41.2424, -115.1887

Complementary

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



157.0240, 27.5962, 62.2460



180.9760, -27.5962, -62.2460

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.



124.5040, 15.0345, -109.1900



157.0240, 27.5962, 62.2460



139.8280, -49.7082, -16.5122

Square

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



157.0240, 27.5962, 62.2460



149.0250, -51.2843, 69.2611



115.0880, -10.8894, -100.9322



131.7950, 60.7401, -115.5842

Rectangle

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



157.0240, 27.5962, 62.2460



146.8810, -15.7173, 94.8204



115.0880, -10.8894, -100.9322



129.1780, 32.9432, -113.2891

Sweetspot

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



157.0240, 27.5962, 62.2460



230.3630, 9.6810, 21.6066



127.6380, 49.4785, -3.1905



112.8690, 5.4876, 13.2699



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.



157.0240, 27.5962, 62.2460



159.9740, 36.9878, 83.3378



150.4120, 2.2619, 68.0447



107.7280, 2.5991, 6.3775



71.3050, 41.7546, 94.4485



20.3790, 12.1382, 26.8546

Inverse Universe

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



157.0240, 27.5962, 62.2460



159.9740, 36.9878, 83.3378



187.5880, -2.2619, -68.0447



107.7280, 2.5991, 6.3775



71.3050, 41.7546, 94.4485



20.3790, 12.1382, 26.8546

Previews

White Background



This preview shows how the YUV color 157.0240, 27.5962, 62.2460 looks on a white background.

Color Contrast Check

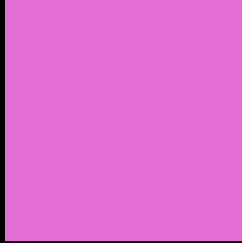
Large Text (above 18pt) WCAG AA × Fail

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 157.0240, 27.5962, 62.2460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

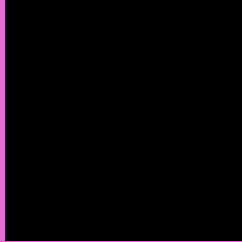
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.0240, 27.5962, 62.2460

Background



This preview shows how black text looks on a background with the YUV color 157.0240, 27.5962, 62.2460.



This preview shows how white text looks on a background with the YUV color 157.0240, 27.5962, 62.2460.

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

157.0240, 27.5962, 62.2460

Protanopia

152.6640, 46.5076, -30.4003

Deuteranopia

155.1660, 25.0612, -11.5466



Tritanopia

156.2350, -9.4829, 55.0449

Trichromacy



Original Color

157.0240, 27.5962, 62.2460



Protanomaly

154.4510, 39.7107, 3.1125



Deuteranomaly

155.9720, 26.1428, 14.9336



Tritanomaly

156.2150, 4.3310, 57.6934

Monochromacy



Original Color

157.0240, 27.5962, 62.2460



Achromatopsia

157.0000, 0.0000, 0.0000



Achromatomaly

157.0750, 9.8230, 22.7362

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.0240, 27.5962, 62.2460 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(228, 110, 213)` looks like.

```
.text, #text, p{  
    color:rgb(228, 110, 213)  
}
```

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(228, 110, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 110, 213) }
```

Border

The CSS property to change the border of an element to YUV 157.0240, 27.5962, 62.2460 is called "border". The border property can be set on classes, ids or directly on the HTML element.

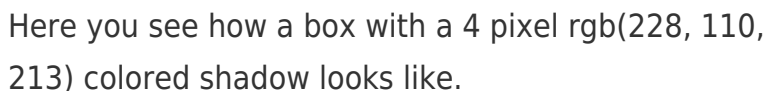
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 110, 213) }
```


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

```
.border{ border-color:rgb(228, 110, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 110, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 110, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 110, 213); box-shadow:4px 4px 4px 4px rgb(228, 110, 213) }
```

Background

The CSS property to change the background color of an element to YUV 157.0240, 27.5962, 62.2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 110, 213) }
```

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

```
.background{ background-color: rgb(228,  
110, 213) }
```

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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