

Converting Colors

XYZ(61.9590, 72.3356, 27.1418)

Have a look what the booklet for
XYZ(61.9590, 72.3356, 27.1418)
contains.

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Color

**XYZ(61.9855, 72.3679,
27.2244)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E374
RGB	226, 227, 116
RGB Percent	89%, 89%, 45%
CMY	0.1137, 0.1098, 0.5451
CMYK	0.00, 0.00, 0.49, 0.11
HSL	61°, 66%, 67%
HSV	61°, 49%, 89%
XYZ	61.9855, 72.3679, 27.2244
YIQ	214.0470, 35.0350, -34.7330

Conversions

Conversions Part 2

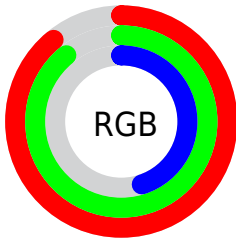
Format	Color
RYB	116, 227, 117
Decimal	14869364
CIELab	88.15, -15.30, 53.56
CIELCh	88, 55.707, 105.946
Yxy	72.3679, 0.3836, 0.4479
Android (android.graphics.Color)	4293059444 (0xFFE2E374)
YUV	214.0470, -48.3372, 10.4828
Hunter-Lab	85.0693, -18.8078, 40.5742

Details

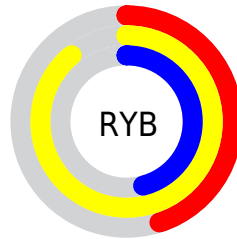
The XYZ color **61.9855, 72.3679, 27.2244** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **27.4491, 21.8204, 75.4425**, and the grayscale version is **64.2484, 67.5944, 73.6103**.

A 20% lighter version of the original color is **84.2557, 95.6823, 52.0580**, and **32.0119, 38.2989, 10.4079** is the 20% darker color. If you saturate the color by 10%, you get **60.7594, 71.8726, 21.0967**, and if you desaturate by 10%, it is **63.5378, 72.9989, 35.0541**.

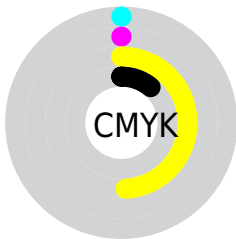
Distribution



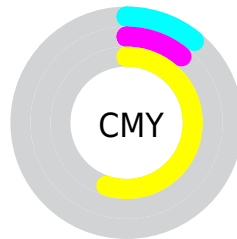
- Red (89%)
- Green (89%)
- Blue (45%)



- Red (45%)
- Yellow (89%)
- Blue (46%)



- Cyan (0%)
- Magenta (0%)
- Yellow (49%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9855, 72.3679, 27.2244 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 XYZ color 61.9855, 72.3679, 27.2244 by changing the saturation by 10% instead.

61.9855, 72.3679,
27.2244

61.9855, 72.3679,
27.2244

421.5966,
468.8211, 302.5365

45.2765, 53.4593,
17.5079

106.7946,
122.5794, 56.2519

31.8775, 38.1695,
10.4315

135.6255,
154.6511, 76.3999

21.4230, 26.1143,
5.5767

169.2277,
191.8793, 100.8622

13.5478, 16.9092,
2.5248

207.9667,
234.6484, 130.0573

7.8864, 10.1697,
0.8533

252.2077,
283.3427, 164.4037

4.0736, 5.5116,
0.0000

302.3161,

1.7438, 2.5505,

338.3466, 204.3200

0.0000

358.6573,
400.0446, 250.2248

■ 0.4835, 0.9018,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9855, 72.3679,
27.2244

■ 61.9855, 72.3679,
27.2244

■ 60.7594, 71.8726,
21.0967

■ 63.5378, 72.9989,
35.0541

■ 59.8303, 71.4936,
16.5407


■ 65.4327, 73.7643,
44.6947


■ 59.1728, 71.2231,
13.4143


■ 67.6914, 74.6753,
56.2511

■ 58.7547, 71.0485,
11.5481

■ 70.3322, 75.7391,
69.8191

 58.5266, 70.9498,
10.6818


 73.3720, 76.9625,
85.4879

 58.5058, 70.9407,
10.6093

 76.8268, 78.3520,
103.3415

 77.3384, 78.5641,
105.6960

 77.4035, 78.5977,
105.6990

 77.4687, 78.6313,
105.7021

Harmonies

Analogous

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



75.1911, 72.3679, 26.9169



61.9855, 72.3679, 27.2244



51.9725, 72.3679, 38.0119

Triad

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



61.9855, 72.3679, 27.2244



52.4702, 72.3679, 144.1277



96.7346, 72.3679, 97.9805

Complementary

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



61.9855, 72.3679, 27.2244



27.4491, 21.8204, 75.4425

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.



88.8772, 72.3679, 141.5816



61.9855, 72.3679, 27.2244



62.7507, 72.3679, 173.4965

Square

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



61.9855, 72.3679, 27.2244



46.9827, 72.3679, 100.7105



76.0612, 72.3679, 172.4378



96.4601, 72.3679, 60.3167

Rectangle

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



61.9855, 72.3679, 27.2244



47.9497, 72.3679, 52.5250



76.0612, 72.3679, 172.4378



94.9169, 72.3679, 112.6274

Sweetspot

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



61.9872, 72.3712, 27.2259



89.3644, 97.7110, 79.6254



41.0788, 30.0844, 20.1657



18.9768, 20.8534, 16.2686



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



61.9872, 72.3712, 27.2259



79.0267, 93.5329, 27.1322



47.5280, 64.9172, 26.5492



15.5880, 16.8102, 15.3276



34.1246, 41.3733, 6.1873



2.5259, 3.0595, 0.4574

Inverse Universe

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



27.4491, 21.8204, 75.4425



28.9895, 20.2906, 96.9963



37.0164, 26.7526, 75.8902



13.5949, 13.8934, 18.1095



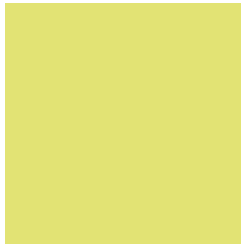
8.1064, 3.2449, 42.5822



0.6033, 0.2420, 3.1469

Previews

White Background



This preview shows how the XYZ color 61.9855, 72.3679, 27.2244 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 XYZ color 61.9855, 72.3679, 27.2244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

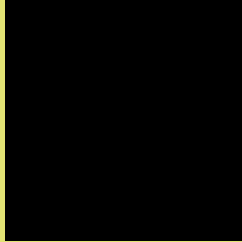
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9855, 72.3679, 27.2244

Background



This preview shows how black text looks on a background with the XYZ color 61.9855, 72.3679, 27.2244.



This preview shows how white text looks on a background with the XYZ color 61.9855, 72.3679,

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

61.9855, 72.3679, 27.2244

Protanopia

66.2019, 72.1609, 26.3588

Deuteranopia

71.8974, 71.9975, 44.7578



Tritanopia

73.7303, 72.0398, 85.6204

Trichromacy



Original Color

61.9855, 72.3679, 27.2244

Protanomaly

64.4072, 72.0177, 26.7258

Deuteranomaly

67.8281, 71.9715, 37.5111

Tritanomaly

68.4485, 71.8296, 58.4010

Monochromacy



Original Color

61.9855, 72.3679, 27.2244

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.2808, 68.7828, 52.1133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9855, 72.3679, 27.2244 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(226, 227, 116)` looks like.

```
.text, #text, p{  
    color:rgb(226, 227, 116)  
}
```

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(226, 227, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 227, 116) }
```

Border

The CSS property to change the border of an element to XYZ 61.9855, 72.3679, 27.2244 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(226, 227, 116) }
```


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

```
.border{ border-color:rgb(226, 227, 116) }
```

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

Here you see how a box with a 4 pixel rgb(226, 227, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 227, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 227, 116);  
box-shadow:4px 4px 4px 4px rgb(226, 227,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9855, 72.3679, 27.2244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 227, 116) }
```

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

```
.background{ background-color: rgb(226,  
227, 116) }
```

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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