

Converting Colors

XYZ(61.9336, 74.6358, 27.5105)

Have a look what the booklet for
XYZ(61.9336, 74.6358, 27.5105)
contains.

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Color

**XYZ(62.0522, 74.8878,
27.4039)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE973
RGB	221, 233, 115
RGB Percent	87%, 91%, 45%
CMY	0.1333, 0.0863, 0.5490
CMYK	0.05, 0.00, 0.51, 0.09
HSL	66°, 73%, 68%
HSV	66°, 51%, 91%
XYZ	62.0522, 74.8878, 27.4039
YIQ	215.9600, 30.7260, -39.2420

Conversions

Conversions Part 2

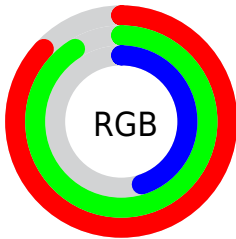
Format	Color
RYB	115, 233, 127
Decimal	14543219
CIELab	89.34, -20.30, 55.35
CIElCh	89, 58.953, 110.142
Yxy	74.8878, 0.3776, 0.4557
Android (android.graphics.Color)	4292733299 (0xFFDDE973)
YUV	215.9600, -49.7733, 4.4201
Hunter-Lab	86.5377, -23.4470, 41.8011

Details

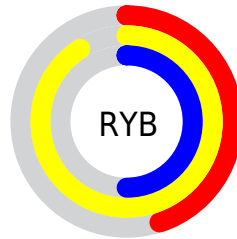
The XYZ color **62.0522, 74.8878, 27.4039** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.5938, 22.6585, 79.9091**, and the grayscale version is **65.5584, 68.9726, 75.1111**.

A 20% lighter version of the original color is **84.2557, 95.6823, 52.0580**, and **31.9015, 39.6846, 10.5359** is the 20% darker color. If you saturate the color by 10%, you get **60.1613, 74.0513, 21.1797**, and if you desaturate by 10%, it is **64.2958, 75.8719, 35.4162**.

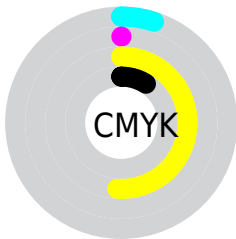
Distribution



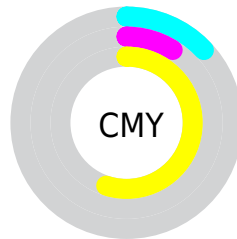
- Red (87%)
- Green (91%)
- Blue (45%)



- Red (45%)
- Yellow (91%)
- Blue (50%)



- Cyan (5%)
- Magenta (0%)
- Yellow (51%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0522, 74.8878, 27.4039 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 62.0522, 74.8878, 27.4039 by changing the saturation by 10% instead.

62.0522, 74.8878,
27.4039

62.0522, 74.8878,
27.4039

421.8360,
477.5318, 303.4293

45.3306, 55.5210,
17.6417

106.8905,
126.1535, 56.5429

31.9203, 39.8190,
10.5263

135.7379,
158.8212, 76.7568

21.4559, 27.3974,
5.6391

169.3580,
196.6913, 101.2916

13.5720, 17.8719,
2.5617

208.1161,
240.1482, 130.5660

7.9033, 10.8581,
0.8726

252.3776,
289.5763, 164.9984

4.0844, 5.9715,
0.0000

302.5079,

1.7500, 2.8277,

345.3601, 205.0074

0.0000

358.8722,
407.8838, 251.0115

■ 0.4873, 1.0425,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0522, 74.8878,
27.4039

■ 62.0522, 74.8878,
27.4039

■ 60.1613, 74.0513,
21.1797

■ 64.2958, 75.8719,
35.4162

■ 58.5916, 73.3418,
16.6017


■ 66.9100, 77.0028,
45.3348


■ 57.3149, 72.7507,
13.5143

■ 69.9180, 78.2923,
57.2732


■ 56.2957, 72.2637,
11.7302


■ 73.3393, 79.7484,
71.3348

 55.5196, 71.8801,
10.9481

 77.1925, 81.3784,
87.6158

 81.4945, 83.1891,
106.2066

 82.3146, 83.6083,
106.4073

 83.1141, 84.0205,
106.4447

 83.9242, 84.4381,
106.4826

Harmonies

Analogous

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



76.0317, 74.8878, 25.6616



62.0522, 74.8878, 27.4039



51.9469, 74.8878, 40.5044

Triad

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



62.0522, 74.8878, 27.4039



54.8476, 74.8878, 158.9398



102.1371, 74.8878, 95.9039

Complementary

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



62.0522, 74.8878, 27.4039



29.5938, 22.6585, 79.9091

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.



94.6527, 74.8878, 143.7478



62.0522, 74.8878, 27.4039



66.5366, 74.8878, 187.4537

Square

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



62.0522, 74.8878, 27.4039



48.1934, 74.8878, 112.0515



81.1587, 74.8878, 181.1104



100.5096, 74.8878, 57.1407

Rectangle

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



62.0522, 74.8878, 27.4039



48.1572, 74.8878, 57.4326



81.1587, 74.8878, 181.1104



100.5687, 74.8878, 111.5956

Sweetspot

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



62.0540, 74.8912, 27.4055



88.0745, 97.0461, 79.5650



44.2649, 33.6905, 20.3905



18.6624, 20.6913, 16.2539



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.



62.0540, 74.8912, 27.4055



73.6889, 90.8104, 25.5618



47.1771, 67.2219, 26.7092



16.1921, 17.5446, 16.0517



31.5624, 40.8155, 6.2147



2.5220, 3.2275, 0.4900

Inverse Universe

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



29.5938, 22.6585, 79.9091



29.6613, 19.8928, 96.8841



41.0423, 28.5604, 80.4448



14.3734, 14.6222, 18.9871



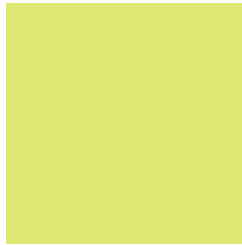
8.6030, 3.4709, 43.9595



0.7235, 0.2973, 3.4541

Previews

White Background



This preview shows how the XYZ color 62.0522, 74.8878, 27.4039 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 62.0522, 74.8878, 27.4039 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 62.0522, 74.8878, 27.4039

Background



This preview shows how black text looks on a background with the XYZ color 62.0522, 74.8878, 27.4039.



This preview shows how white text looks on a background with the XYZ color 62.0522, 74.8878,

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

62.0522, 74.8878, 27.4039

Protanopia

68.2917, 74.4376, 26.0978

Deuteranopia

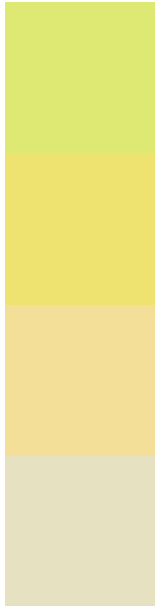
73.8542, 74.4199, 50.0071



Tritanopia

74.8109, 74.7932, 90.6143

Trichromacy



Original Color

62.0522, 74.8878, 27.4039

Protanomaly

65.7096, 74.3076, 26.5023

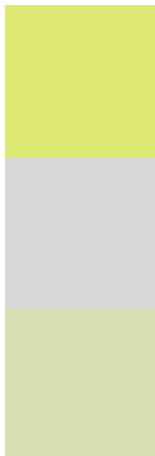
Deuteranomaly

69.0173, 74.0970, 40.3703

Tritanomaly

68.8640, 74.3587, 61.1752

Monochromacy



Original Color

62.0522, 74.8878, 27.4039

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.1714, 70.4027, 52.9074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0522, 74.8878, 27.4039 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(221, 233, 115)` looks like.

```
.text, #text, p{  
    color:rgb(221, 233, 115)  
}
```

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(221, 233, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 233, 115) }
```

Border

The CSS property to change the border of an element to XYZ 62.0522, 74.8878, 27.4039 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(221, 233, 115) }
```


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

```
.border{ border-color:rgb(221, 233, 115) }
```

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

Here you see how a box with a 4 pixel rgb(221, 233, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 233, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 233, 115);  
box-shadow:4px 4px 4px 4px rgb(221, 233,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0522, 74.8878, 27.4039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 233, 115) }
```

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

```
.background{ background-color: rgb(221,  
233, 115) }
```

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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