

Converting Colors

XYZ(62.4677, 67.8638, 28.5455)

Have a look what the booklet for
XYZ(62.4677, 67.8638, 28.5455)
contains.

XYZ(62.4677, 67.8638, 28.5455)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.4677, 67.8638,
28.5455)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD77B
RGB	236, 215, 123
RGB Percent	93%, 84%, 48%
CMY	0.0745, 0.1568, 0.5176
CMYK	0.00, 0.09, 0.48, 0.07
HSL	49°, 75%, 70%
HSV	49°, 48%, 93%
XYZ	62.4677, 67.8638, 28.5455
YIQ	210.7910, 42.0480, -24.1600

Conversions

Conversions Part 2

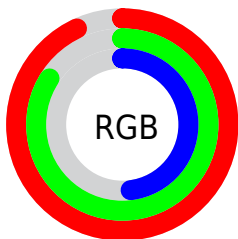
Format	Color
RYB	149, 236, 123
Decimal	15521659
CIELab	85.94, -4.67, 47.75
CIELCh	86, 47.980, 95.585
Yxy	67.8638, 0.3932, 0.4271
Android (android.graphics.Color)	4293711739 (0xFFECD77B)
YUV	210.7910, -43.2810, 22.1083
Hunter-Lab	82.3795, -8.8090, 37.1209

Details

The XYZ color **62.4677, 67.8638, 28.5455** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **33.2818, 30.2127, 83.4343**, and the grayscale version is **62.0376, 65.2684, 71.0773**.

A 20% lighter version of the original color is **84.9358, 95.9543, 55.6394**, and **32.0682, 35.0615, 11.0386** is the 20% darker color. If you saturate the color by 10%, you get **60.0638, 65.1421, 21.3135**, and if you desaturate by 10%, it is **65.2609, 70.7941, 37.6656**.

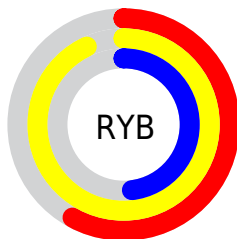
Distribution



Red (93%)

Green (84%)

Blue (48%)



Red (58%)

Yellow (93%)

Blue (48%)

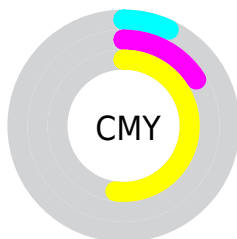


Cyan (0%)

Magenta (9%)

Yellow (48%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4677, 67.8638, 28.5455 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 62.4677, 67.8638, 28.5455 by changing the saturation by 10% instead.


 62.4677, 67.8638,
28.5455

 62.4677, 67.8638,
28.5455


423.3255,
453.0133, 309.0580


 45.6677, 49.7869,
18.4947


 107.4873,
116.1573, 58.3877

 32.1872, 35.2441,
11.1326


 136.4377,
147.1427, 79.0162

 21.6608, 23.8510,
6.0408


 170.1690,
183.1997, 104.0076

 13.7231, 15.2231,
2.8007

209.0464,
224.7128, 133.7805

 8.0087, 8.9761,
0.9938

253.4355,
272.0663, 168.7535

 4.1524, 4.7256,
0.0000

303.7014,

 1.7887, 2.0872,

325.6446, 209.3450

0.0000

360.2096,
385.8322, 255.9737

■ 0.5108, 0.6574,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4677, 67.8638,
28.5455

■ 62.4677, 67.8638,
28.5455

■ 60.0638, 65.1421,
21.3135

■ 65.2609, 70.7941,
37.6656

■ 58.0181, 62.6086,
15.8283


■ 68.4622, 73.9335,
48.7930


■ 56.3023, 60.2543,
11.9356


■ 72.0949, 77.2939,
62.0422


■ 54.8815, 58.0648,
9.4519


■ 76.1790, 80.8839,
77.5176


 53.7077, 56.0204,
8.1260


 80.7333, 84.7113,
95.3169

 53.4754, 55.5995,
7.9133

 84.1904, 88.1495,
107.1850

 85.5062, 90.7812,
107.6236

 86.8535, 93.4758,
108.0727

 88.2325, 96.2338,
108.5324

Harmonies

Analogous

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



73.6366, 67.8638, 31.3507



62.4677, 67.8638, 28.5455



52.9712, 67.8638, 34.7953

Triad

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



62.4677, 67.8638, 28.5455



48.7991, 67.8638, 114.9976



85.7199, 67.8638, 101.8342

Complementary

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



62.4677, 67.8638, 28.5455



33.2818, 30.2127, 83.4343

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.



77.5965, 67.8638, 134.8412



62.4677, 67.8638, 28.5455



56.1568, 67.8638, 143.8293

Square

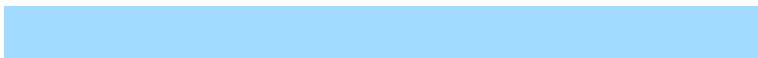
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.4677, 67.8638, 28.5455



45.6752, 67.8638, 79.9399



66.5810, 67.8638, 151.9663



87.9008, 67.8638, 68.1573

Rectangle

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



62.4677, 67.8638, 28.5455



48.5938, 67.8638, 44.6956



66.5810, 67.8638, 151.9663



83.5519, 67.8638, 113.6427

Sweetspot

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



62.4693, 67.8670, 28.5469



87.7462, 93.7512, 80.6962



46.8327, 34.0624, 31.1384



18.5613, 19.8710, 16.4452



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.



62.4693, 67.8670, 28.5469



71.7776, 77.8625, 25.8980



57.9551, 73.9916, 29.9670



16.1002, 17.1234, 15.9753



29.5658, 30.8258, 4.3917



2.3832, 2.5437, 0.3654

Inverse Universe

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



33.2818, 30.2127, 83.4343



33.3336, 28.3059, 98.3144



36.1091, 27.3809, 82.7387



14.4576, 15.0016, 19.0559



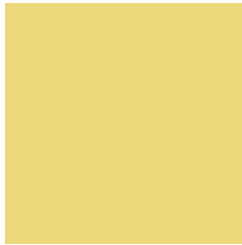
8.9073, 4.4617, 44.1347



0.7633, 0.4781, 3.4869

Previews

White Background



This preview shows how the XYZ color 62.4677, 67.8638, 28.5455 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 62.4677, 67.8638, 28.5455 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 62.4677, 67.8638, 28.5455

Background



This preview shows how black text looks on a background with the XYZ color 62.4677, 67.8638, 28.5455.



This preview shows how white text looks on a background with the XYZ color 62.4677, 67.8638,

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

62.4677, 67.8638, 28.5455

Protanopia

62.4677, 67.8638, 28.5455

Deuteranopia

68.5107, 67.8688, 35.4757



Tritanopia

72.5172, 67.9459, 77.0029

Trichromacy



Original Color

62.4677, 67.8638, 28.5455

Protanomaly

62.4677, 67.8638, 28.5455

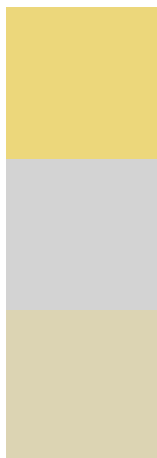
Deuteranomaly

66.2019, 67.8272, 32.8953

Tritanomaly

67.9308, 67.4918, 55.3458

Monochromacy



Original Color

62.4677, 67.8638, 28.5455

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.1954, 65.5573, 52.0763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4677, 67.8638, 28.5455 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(236, 215, 123)` looks like.

```
.text, #text, p{  
    color:rgb(236, 215, 123)  
}
```

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(236, 215, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 215, 123) }
```

Border

The CSS property to change the border of an element to XYZ 62.4677, 67.8638, 28.5455 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(236, 215, 123) }
```


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

```
.border{ border-color:rgb(236, 215, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 215, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 215, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 215, 123);  
box-shadow:4px 4px 4px 4px rgb(236, 215,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4677, 67.8638, 28.5455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 215, 123) }
```

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

```
.background{ background-color: rgb(236,  
215, 123) }
```

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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