

Converting Colors

XYZ(60.2865, 72.4464, 14.3591)

Have a look what the booklet for
XYZ(60.2865, 72.4464, 14.3591)
contains.

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Color

**XYZ(60.3875, 72.6454,
14.4536)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E537
RGB	227, 229, 55
RGB Percent	89%, 90%, 22%
CMY	0.1098, 0.1019, 0.7843
CMYK	0.01, 0.00, 0.76, 0.10
HSL	61°, 77%, 56%
HSV	61°, 76%, 90%
XYZ	60.3875, 72.6454, 14.4536
YIQ	208.5660, 54.6620, -54.5380

Conversions

Conversions Part 2

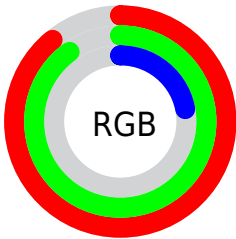
Format	Color
RYB	55, 229, 57
Decimal	14935351
CIELab	88.28, -19.64, 77.77
CIELCh	88, 80.207, 104.171
Yxy	72.6454, 0.4094, 0.4926
Android (android.graphics.Color)	4293125431 (0xFFE3E537)
YUV	208.5660, -75.7080, 16.1666
Hunter-Lab	85.2323, -22.6883, 49.6083

Details

The XYZ color **60.3875, 72.6454, 14.4536** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **17.1984, 9.2608, 75.0144**, and the grayscale version is **60.7761, 63.9412, 69.6319**.

A 20% lighter version of the original color is **80.1524, 94.0410, 30.4502**, and **31.2845, 38.5969, 5.8011** is the 20% darker color. If you saturate the color by 10%, you get **59.8783, 72.4348, 12.1995**, and if you desaturate by 10%, it is **61.1546, 72.9646, 18.0508**.

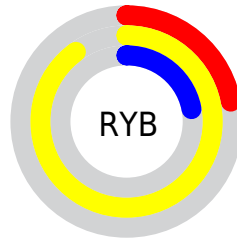
Distribution



Red (89%)

Green (90%)

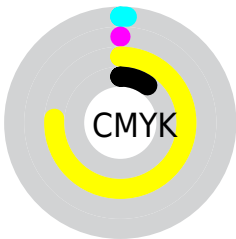
Blue (22%)



Red (22%)

Yellow (90%)

Blue (22%)

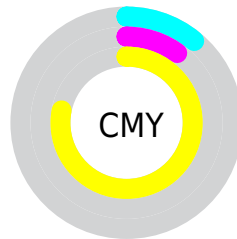


Cyan (1%)

Magenta (0%)

Yellow (76%)

Black (10%)



Cyan (11%)

Magenta (10%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3875, 72.6454, 14.4536 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 60.3875, 72.6454, 14.4536 by changing the saturation by 10% instead.

60.3875, 72.6454,
14.4536

60.3875, 72.6454,
14.4536

415.8365,
469.7849, 231.5604

43.9817, 53.6861,
8.2945

104.4947,
122.9737, 34.6204

30.8540, 38.3507,
4.1935

132.9269,
155.1114, 49.4651

20.6390, 26.2550,
1.7321

166.0985,
192.4107, 68.0421

12.9713, 17.0145,
0.3826

204.3750,
235.2560, 90.7700

7.4857, 10.2448,
0.0000

248.1217,
284.0317, 118.0672

3.8166, 5.5616,
0.0000

297.7039,

1.5989, 2.5804,

339.1221, 150.3523

0.0000

353.4871,
400.9117, 188.0439

■ 0.3917, 0.9168,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3875, 72.6454,
14.4536

■ 60.3875, 72.6454,
14.4536

■ 59.8783, 72.4348,
12.1995

■ 61.1546, 72.9646,
18.0508

■ 59.5835, 72.3073,
11.0807

■ 62.2059, 73.3947,
23.1507

■ 59.4997, 72.2699,
10.8135

■ 63.5696, 73.9499,
29.8957

■ 65.2696, 74.6396,
38.4102

67.3270, 75.4722,
48.8068

69.7616, 76.4558,
61.1888

72.5916, 77.5975,
75.6518

75.8338, 78.9041,
92.2855

78.5044, 79.9821,
105.9082

Harmonies

Analogous

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



79.6284, 72.6454, 14.7104



60.3875, 72.6454, 14.4536



46.3608, 72.6454, 24.8731

Triad

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



60.3875, 72.6454, 14.4536



45.7833, 72.6454, 178.1687



111.0639, 72.6454, 111.6300

Complementary

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



60.3875, 72.6454, 14.4536



17.1984, 9.2608, 75.0144

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.



98.1390, 72.6454, 181.9163



60.3875, 72.6454, 14.4536



59.4476, 72.6454, 230.9116

Square

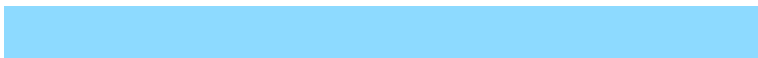
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.3875, 72.6454, 14.4536



39.0516, 72.6454, 107.9487



78.4977, 72.6454, 232.5346



111.4443, 72.6454, 55.9093

Rectangle

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



60.3875, 72.6454, 14.4536



40.8342, 72.6454, 41.3601



78.4977, 72.6454, 232.5346



107.9482, 72.6454, 134.7660

Sweetspot

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



60.3892, 72.6488, 14.4551



86.7553, 96.6534, 66.5172



34.3714, 19.6680, 5.6000



18.3427, 20.5962, 13.0881



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.



60.3892, 72.6488, 14.4551



76.1763, 92.3376, 14.6160



39.8673, 62.0694, 13.4947



15.5843, 16.8083, 15.3274



34.0245, 41.3218, 6.1826



2.5196, 3.0563, 0.4571

Inverse Universe

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



17.1984, 9.2608, 75.0144



18.7719, 8.0455, 95.1713



26.6667, 14.1419, 75.4575



13.5981, 13.8951, 18.1096



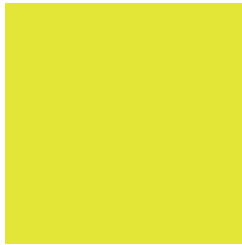
8.1120, 3.2478, 42.5825



0.6049, 0.2428, 3.1470

Previews

White Background



This preview shows how the XYZ color 60.3875, 72.6454, 14.4536 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 60.3875, 72.6454, 14.4536 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 60.3875, 72.6454, 14.4536

Background



This preview shows how black text looks on a background with the XYZ color 60.3875, 72.6454, 14.4536.



This preview shows how white text looks on a background with the XYZ color 60.3875, 72.6454,

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

60.3875, 72.6454, 14.4536

Protanopia

65.8308, 72.6393, 13.9193

Deuteranopia

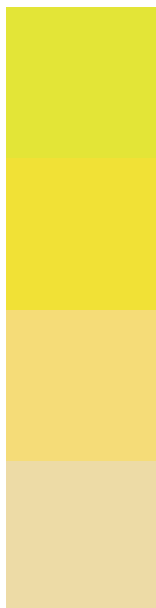
71.6262, 72.2952, 42.0775



Tritanopia

74.6951, 72.1789, 84.8580

Trichromacy



Original Color

60.3875, 72.6454, 14.4536

Protanomaly

63.8667, 72.8175, 14.1791

Deuteranomaly

66.6396, 71.9549, 28.1457

Tritanomaly

67.1395, 71.4207, 46.3233

Monochromacy



Original Color

60.3875, 72.6454, 14.4536

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.6245, 66.0106, 39.7885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3875, 72.6454, 14.4536 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(227, 229, 55)` looks like.

```
.text, #text, p{  
    color:rgb(227, 229, 55)  
}
```

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(227, 229, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 229, 55) }
```

Border

The CSS property to change the border of an element to XYZ 60.3875, 72.6454, 14.4536 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(227, 229, 55) }
```


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

```
.border{ border-color:rgb(227, 229, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 229, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 229, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 229, 55);  
box-shadow:4px 4px 4px 4px rgb(227, 229,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3875, 72.6454, 14.4536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 229, 55) }
```

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

```
.background{ background-color: rgb(227,  
229, 55) }
```

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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