

Converting Colors

XYZ(62.3976, 72.6186, 24.7431)

Have a look what the booklet for
XYZ(62.3976, 72.6186, 24.7431)
contains.

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Color

**XYZ(62.4360, 72.6577,
24.6435)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E36B
RGB	229, 227, 107
RGB Percent	90%, 89%, 42%
CMY	0.1020, 0.1098, 0.5804
CMYK	0.00, 0.01, 0.53, 0.10
HSL	59°, 70%, 66%
HSV	59°, 53%, 90%
XYZ	62.4360, 72.6577, 24.6435
YIQ	213.9180, 39.7120, -36.8960

Conversions

Conversions Part 2

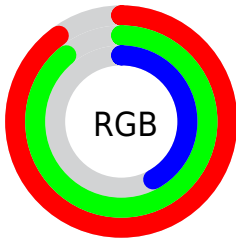
Format	Color
RYB	109, 229, 107
Decimal	15065963
CIELab	88.28, -14.86, 57.92
CIELCh	88, 59.792, 104.386
Yxy	72.6577, 0.3909, 0.4549
Android (android.graphics.Color)	4293256043 (0xFFE5E36B)
YUV	213.9180, -52.7106, 13.2269
Hunter-Lab	85.2395, -18.4219, 42.5264

Details

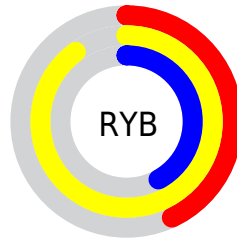
The XYZ color **62.4360, 72.6577, 24.6435** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.6749, 19.7197, 76.5815**, and the grayscale version is **64.1877, 67.5305, 73.5407**.

A 20% lighter version of the original color is **83.5216, 95.3886, 48.1922**, and **32.1897, 38.4200, 9.0874** is the 20% darker color. If you saturate the color by 10%, you get **61.2858, 72.0367, 19.0831**, and if you desaturate by 10%, it is **63.9089, 73.4135, 31.8869**.

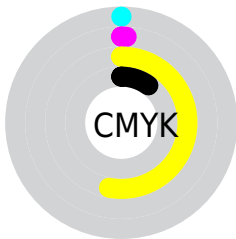
Distribution



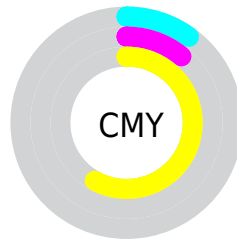
- Red (90%)
- Green (89%)
- Blue (42%)



- Red (43%)
- Yellow (90%)
- Blue (42%)



- Cyan (0%)
- Magenta (1%)
- Yellow (53%)
- Black (10%)





- Cyan (10%)
- Magenta (11%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4360, 72.6577, 24.6435 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 62.4360, 72.6577, 24.6435 by changing the saturation by 10% instead.


 62.4360, 72.6577,
24.6435

 62.4360, 72.6577,
24.6435


423.2120,
469.8276, 289.4485


 45.6420, 53.6961,
15.5951


 107.4418,
122.9911, 52.0352


 32.1669, 38.3588,
9.0868


 136.3844,
155.1318, 71.2156

 21.6451, 26.2613,
4.7003


 170.1071,
192.4343, 94.6103

 13.7115, 17.0192,
2.0169

 208.9755,
235.2829, 122.6379

 8.0007, 10.2482,
0.5656

253.3548,
284.0622, 155.7170

 4.1472, 5.5638,
0.0000

303.6104,

 1.7857, 2.5817,

339.1565, 194.2661

0.0000

360.1077,
400.9501, 238.7038

■ 0.5091, 0.9175,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4360, 72.6577,
24.6435

■ 62.4360, 72.6577,
24.6435

■ 61.2858, 72.0367,
19.0831

■ 63.9089, 73.4135,
31.8869

■ 60.4272, 71.5300,
15.0655


■ 65.7224, 74.3032,
40.9299


■ 59.8324, 71.1292,
12.4353


■ 67.8989, 75.3384,
51.8836


■ 59.4652, 70.8198,
11.0026


■ 70.4577, 76.5269,
64.8492


 59.3079, 70.6478,
10.5105

 73.4166, 77.8759,
79.9207

 76.7923, 79.3919,
97.1859

 78.5556, 80.2633,
105.9598

 78.6597, 80.4714,
105.9945

 78.7639, 80.6799,
106.0292

Harmonies

Analogous

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



76.7454, 72.6577, 24.8454



62.4360, 72.6577, 24.6435



51.5203, 72.6577, 35.0509

Triad

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



62.4360, 72.6577, 24.6435



51.1773, 72.6577, 148.1559



99.1456, 72.6577, 102.3137

Complementary

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



62.4360, 72.6577, 24.6435



25.6749, 19.7197, 76.5815

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.



90.1847, 72.6577, 149.9819



62.4360, 72.6577, 24.6435



61.9037, 72.6577, 182.0677

Square

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



62.4360, 72.6577, 24.6435



45.6565, 72.6577, 100.3851



76.1345, 72.6577, 182.8324



99.3404, 72.6577, 61.0788

Rectangle

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



62.4360, 72.6577, 24.6435



47.0705, 72.6577, 49.6618



76.1345, 72.6577, 182.8324



97.0088, 72.6577, 118.3725

Sweetspot

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



62.4377, 72.6611, 24.6450



88.9508, 97.2206, 77.8296



40.3333, 28.2789, 17.8109



18.8919, 20.7410, 15.9122



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.



62.4377, 72.6611, 24.6450



78.0782, 91.8595, 23.6949



47.2583, 65.6499, 24.0918



15.5804, 16.7746, 15.3211



33.9188, 40.4117, 6.0125



2.5130, 2.9993, 0.4465

Inverse Universe

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



25.6749, 19.7197, 76.5815



26.4880, 17.5737, 96.6037



35.1200, 24.2768, 76.9633



13.6016, 13.9247, 18.1152



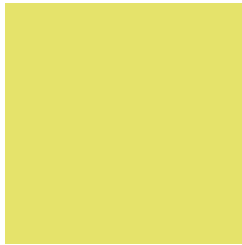
8.1178, 3.2978, 42.5919



0.6066, 0.2571, 3.1496

Previews

White Background



This preview shows how the XYZ color 62.4360, 72.6577, 24.6435 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 62.4360, 72.6577, 24.6435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

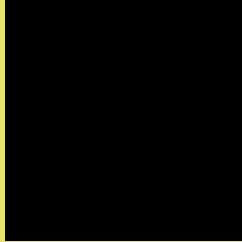
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4360, 72.6577, 24.6435

Background



This preview shows how black text looks on a background with the XYZ color 62.4360, 72.6577, 24.6435.



This preview shows how white text looks on a background with the XYZ color 62.4360, 72.6577,

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

62.4360, 72.6577, 24.6435

Protanopia

66.3273, 72.6750, 23.8964

Deuteranopia

72.1513, 72.5052, 44.8425



Tritanopia

74.6051, 72.5071, 84.9261

Trichromacy



Original Color

62.4360, 72.6577, 24.6435

Protanomaly

64.8538, 72.7026, 24.2505

Deuteranomaly

68.2955, 72.2390, 36.3306

Tritanomaly

69.0135, 72.1703, 56.1918

Monochromacy



Original Color

62.4360, 72.6577, 24.6435

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.2828, 68.8183, 50.5580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4360, 72.6577, 24.6435 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(229, 227, 107)` looks like.

```
.text, #text, p{  
    color:rgb(229, 227, 107)  
}
```

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(229, 227, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 227, 107) }
```

Border

The CSS property to change the border of an element to XYZ 62.4360, 72.6577, 24.6435 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(229, 227, 107) }
```


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

```
.border{ border-color:rgb(229, 227, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 227, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 227, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 227, 107);  
box-shadow:4px 4px 4px 4px rgb(229, 227,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4360, 72.6577, 24.6435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 227, 107) }
```

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

```
.background{ background-color: rgb(229,  
227, 107) }
```

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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