

Converting Colors

XYZ(61.0133, 72.2475, 22.6983)

Have a look what the booklet for
XYZ(61.0133, 72.2475, 22.6983)
contains.

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Color

**XYZ(61.0950, 72.4145,
22.8139)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E464
RGB	225, 228, 100
RGB Percent	88%, 89%, 39%
CMY	0.1176, 0.1059, 0.6078
CMYK	0.01, 0.00, 0.56, 0.11
HSL	61°, 70%, 64%
HSV	61°, 56%, 89%
XYZ	61.0950, 72.4145, 22.8139
YIQ	212.5110, 39.3000, -40.4440

Conversions

Conversions Part 2

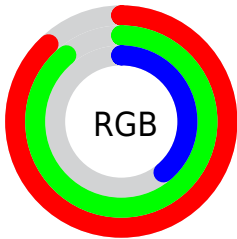
Format	Color
RYB	100, 228, 103
Decimal	14804068
CIELab	88.17, -17.49, 60.81
CIELCh	88, 63.275, 106.044
Yxy	72.4145, 0.3908, 0.4632
Android (android.graphics.Color)	4292994148 (0xFFE1E464)
YUV	212.5110, -55.4679, 10.9529
Hunter-Lab	85.0967, -20.7656, 43.6724

Details

The XYZ color **61.0950, 72.4145, 22.8139** is a light color, and the websafe version is hex **CCCC33**. A complement of this color would be **24.1566, 17.6010, 75.5274**, and the grayscale version is **63.2610, 66.5555, 72.4790**.

A 20% lighter version of the original color is **82.9164, 95.1466, 45.0053**, and **31.3536, 38.2921, 8.2212** is the 20% darker color. If you saturate the color by 10%, you get **59.9763, 71.9504, 17.7855**, and if you desaturate by 10%, it is **62.5264, 73.0090, 29.4713**.

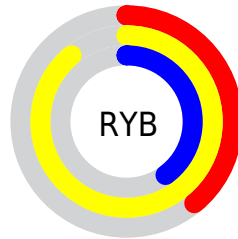
Distribution



Red (88%)

Green (89%)

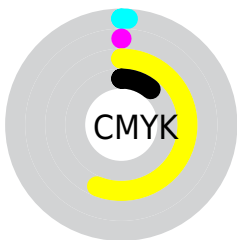
Blue (39%)



Red (39%)

Yellow (89%)

Blue (40%)

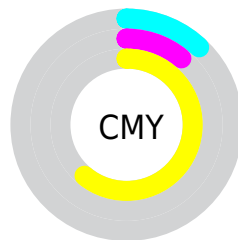


Cyan (1%)

Magenta (0%)

Yellow (56%)

Black (11%)



Cyan (12%)


Magenta (11%)


Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0950, 72.4145, 22.8139 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 61.0950, 72.4145, 22.8139 by changing the saturation by 10% instead.


 61.0950, 72.4145,
22.8139


 61.0950, 72.4145,
22.8139


418.3926,
468.9830, 279.8586

 44.5547, 53.4973,
14.2521


 105.5138,
122.6457, 49.0069


 31.3066, 38.1999,
8.1555


 134.1230,
154.7284, 67.4752

 20.9854, 26.1379,
4.1054


 167.4859,
191.9686, 90.0828

 13.2257, 16.9268,
1.6833

 205.9677,
234.7504, 117.2482

 7.6622, 10.1823,
0.3493

249.9340,
283.4584, 149.3899

 3.9296, 5.5200,
0.0000

299.7500,

 1.6624, 2.5555,

338.4769, 186.9265

0.0000

355.7811,
400.1903, 230.2766

■ 0.4325, 0.9043,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0950, 72.4145,
22.8139

■ 61.0950, 72.4145,
22.8139

■ 59.9763, 71.9504,
17.7855

■ 62.5264, 73.0090,
29.4713

■ 59.1387, 71.5962,
14.2423


■ 64.2889, 73.7334,
37.8768


■ 58.5530, 71.3428,
12.0228

■ 66.4053, 74.5994,
48.1433


■ 58.1808, 71.1748,
10.9244


■ 68.8950, 75.6148,
60.3731


 58.0690, 71.1227,
10.6675

 71.7762, 76.7868,
74.6611

 75.0655, 78.1222,
91.0959

 78.0280, 79.3268,
105.8068

 78.1989, 79.4150,
105.8148

 78.3703, 79.5033,
105.8229

Harmonies

Analogous

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



76.0871, 72.4145, 22.4719



61.0950, 72.4145, 22.8139



49.9338, 72.4145, 33.9950

Triad

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



61.0950, 72.4145, 22.8139



50.5415, 72.4145, 155.3392



101.1056, 72.4145, 100.7025

Complementary

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



61.0950, 72.4145, 22.8139



24.1566, 17.6010, 75.5274

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.



91.9718, 72.4145, 151.9900



61.0950, 72.4145, 22.8139



62.0456, 72.4145, 190.5270

Square

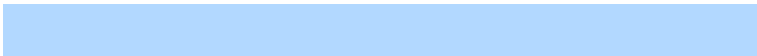
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.0950, 72.4145, 22.8139



44.4791, 72.4145, 104.1940



77.1870, 72.4145, 189.1157



100.7515, 72.4145, 57.9853

Rectangle

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



61.0950, 72.4145, 22.8139



45.5135, 72.4145, 49.6190



77.1870, 72.4145, 189.1157



98.9913, 72.4145, 117.7564

Sweetspot

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



61.0967, 72.4178, 22.8154



88.4659, 97.3232, 76.1787



39.0621, 26.9448, 15.1996



18.7900, 20.7720, 15.5894



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.



61.0967, 72.4178, 22.8154



77.1451, 92.6693, 22.2393



44.9197, 64.0783, 22.0583



15.5664, 16.7990, 15.3266



33.5442, 41.0741, 6.1601



2.4895, 3.0407, 0.4557

Inverse Universe

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



24.1566, 17.6010, 75.5274



25.2719, 15.6666, 96.2997



34.3168, 22.8387, 76.0029



13.6140, 13.9032, 18.1104



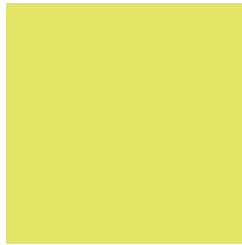
8.1387, 3.2615, 42.5838



0.6125, 0.2467, 3.1473

Previews

White Background



This preview shows how the XYZ color 61.0950, 72.4145, 22.8139 looks on a white background.

Color Contrast Check

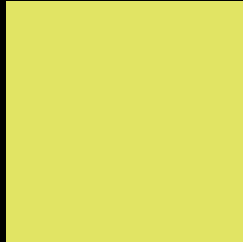
Large Text (above 18pt) WCAG AA × Fail

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 61.0950, 72.4145, 22.8139 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 61.0950, 72.4145, 22.8139

Background



This preview shows how black text looks on a background with the XYZ color 61.0950, 72.4145, 22.8139.

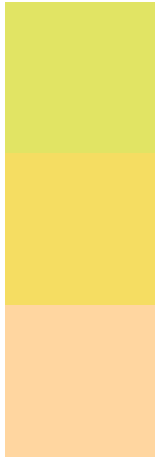


This preview shows how white text looks on a background with the XYZ color 61.0950, 72.4145,

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

61.0950, 72.4145, 22.8139

Protanopia

65.7172, 72.0072, 21.9904

Deuteranopia

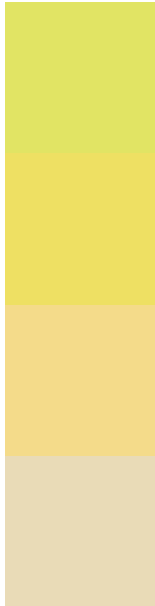
71.6317, 71.8912, 43.3587



Tritanopia

73.7303, 72.0398, 85.6204

Trichromacy



Original Color

61.0950, 72.4145, 22.8139

Protanomaly

64.1677, 72.3893, 22.3949

Deuteranomaly

67.2272, 71.7311, 34.3470

Tritanomaly

67.4830, 71.4056, 55.0257

Monochromacy



Original Color

61.0950, 72.4145, 22.8139

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.1331, 67.8731, 48.9085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0950, 72.4145, 22.8139 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(225, 228, 100)` looks like.

```
.text, #text, p{  
    color:rgb(225, 228, 100)  
}
```

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(225, 228, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 228, 100) }
```

Border

The CSS property to change the border of an element to XYZ 61.0950, 72.4145, 22.8139 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(225, 228, 100) }
```


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

```
.border{ border-color:rgb(225, 228, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 228, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 228, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 228, 100);  
box-shadow:4px 4px 4px 4px rgb(225, 228,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0950, 72.4145, 22.8139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 228, 100) }
```

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

```
.background{ background-color: rgb(225,  
228, 100) }
```

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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