

Converting Colors

XYZ(62.0993, 70.8762, 34.0812)

Have a look what the booklet for
XYZ(62.0993, 70.8762, 34.0812)
contains.

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Color

**XYZ(62.2223, 71.1250,
34.1159)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E089
RGB	225, 224, 137
RGB Percent	88%, 88%, 54%
CMY	0.1176, 0.1215, 0.4627
CMYK	0.00, 0.00, 0.39, 0.12
HSL	59°, 59%, 71%
HSV	59°, 39%, 88%
XYZ	62.2223, 71.1250, 34.1159
YIQ	214.3810, 28.5230, -26.8450

Conversions

Conversions Part 2

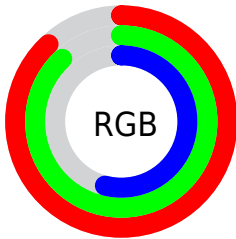
Format	Color
RYB	138, 225, 137
Decimal	14803081
CIELab	87.55, -12.17, 42.69
CIElCh	88, 44.387, 105.911
Yxy	71.1250, 0.3716, 0.4247
Android (android.graphics.Color)	4292993161 (0xFFE1E089)
YUV	214.3810, -38.1488, 9.3129
Hunter-Lab	84.3356, -15.8912, 35.0506

Details

The XYZ color **62.2223, 71.1250, 34.1159** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **32.9954, 28.9307, 75.0791**, and the grayscale version is **64.4104, 67.7648, 73.7958**.

A 20% lighter version of the original color is **86.4040, 96.5416, 63.3706**, and **31.9761, 37.3566, 14.1196** is the 20% darker color. If you saturate the color by 10%, you get **60.7062, 70.4119, 26.4612**, and if you desaturate by 10%, it is **64.0786, 71.9794, 43.5460**.

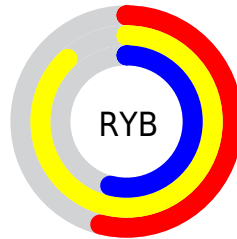
Distribution



Red (88%)

Green (88%)

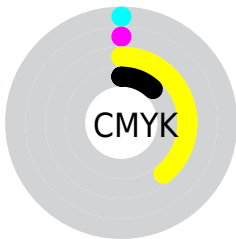
Blue (54%)



Red (54%)

Yellow (88%)

Blue (54%)

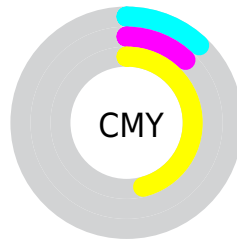


Cyan (0%)

Magenta (0%)

Yellow (39%)

Black (12%)



Cyan (12%)

Magenta (12%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2223, 71.1250, 34.1159 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 62.2223, 71.1250, 34.1159 by changing the saturation by 10% instead.

62.2223, 71.1250,
34.1159

62.2223, 71.1250,
34.1159

422.4462,
464.4903, 335.4335

45.4686, 52.4442,
22.7046

107.1349,
120.8117, 67.2498

32.0296, 37.3593,
14.1723

136.0245,
152.5864, 89.8095

21.5397, 25.4858,
8.1005

169.6901,
189.4945, 116.9223

13.6338, 16.4393,
4.0706

208.4972,
231.9204, 149.0069

7.9464, 9.8356,
1.6642

252.8109,
280.2486, 186.4818

4.1122, 5.2901,
0.3360

302.9968,

1.7658, 2.4184,

334.8634, 229.7655

0.0000

359.4201,
396.1491, 279.2765

■ 0.4969, 0.8354,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.2223, 71.1250,
34.1159

■ 62.2223, 71.1250,
34.1159

■ 60.7062, 70.4119,
26.4612

■ 64.0786, 71.9794,
43.5460

■ 59.5040, 69.8220,
20.4666


■ 66.2891, 72.9731,
54.8487


■ 58.5939, 69.3491,
16.0098


■ 68.8733, 74.1165,
68.1191


■ 57.9493, 68.9825,
12.9503


■ 71.8480, 75.4162,
83.4447


 57.5385, 68.7097,
11.1215


 75.2286, 76.8785,
100.9079


 57.3115, 68.5105,
10.2607

 76.1701, 77.3653,
105.5261

 57.2945, 68.4941,
10.2009

 76.2391, 77.5032,
105.5491

 76.3082, 77.6413,
105.5721

 76.3773, 77.7797,
105.5952

Harmonies

Analogous

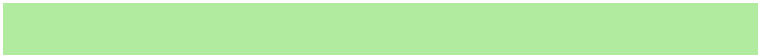
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.6319, 71.1250, 33.8415



62.2223, 71.1250, 34.1159



54.1255, 71.1250, 43.8039

Triad

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



62.2223, 71.1250, 34.1159



54.5173, 71.1250, 126.7826



89.1126, 71.1250, 92.3729

Complementary

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



62.2223, 71.1250, 34.1159



32.9954, 28.9307, 75.0791

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.



83.1485, 71.1250, 124.9875



62.2223, 71.1250, 34.1159



62.8102, 71.1250, 148.0661

Square

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



62.2223, 71.1250, 34.1159



50.0014, 71.1250, 94.3823



73.2836, 71.1250, 147.3352



88.9133, 71.1250, 62.6625

Rectangle

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



62.2223, 71.1250, 34.1159



50.8104, 71.1250, 56.1778



73.2836, 71.1250, 147.3352



87.7375, 71.1250, 103.4935

Sweetspot

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



62.2241, 71.1282, 34.1174



90.3987, 97.9633, 84.9500



44.6188, 35.7481, 28.7716



19.2505, 20.9246, 17.6764



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.



62.2241, 71.1282, 34.1174



80.9535, 93.6729, 36.7911



50.8427, 65.6586, 33.6615



14.8578, 16.0016, 14.6123



33.0221, 39.4820, 5.8803



2.2932, 2.7453, 0.4090

Inverse Universe

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



32.9954, 28.9307, 75.0791



36.9411, 30.1338, 98.4771



41.2508, 32.9758, 75.4248



12.9644, 13.2680, 17.2654



7.8531, 3.1757, 41.2474



0.5488, 0.2290, 2.8605

Previews

White Background



This preview shows how the XYZ color 62.2223, 71.1250, 34.1159 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 62.2223, 71.1250, 34.1159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

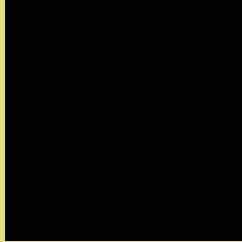
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2223, 71.1250, 34.1159

Background



This preview shows how black text looks on a background with the XYZ color 62.2223, 71.1250, 34.1159.



This preview shows how white text looks on a background with the XYZ color 62.2223, 71.1250,

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

62.2223, 71.1250, 34.1159

Protanopia

65.3013, 70.7630, 33.1386

Deuteranopia

71.3051, 70.9556, 44.1200



Tritanopia

72.6692, 71.1345, 84.7632

Trichromacy



Original Color

62.2223, 71.1250, 34.1159

Protanomaly

64.2321, 70.9829, 33.6082

Deuteranomaly

67.6139, 70.6447, 40.2092

Tritanomaly

68.0554, 70.7670, 62.2971

Monochromacy



Original Color

62.2223, 71.1250, 34.1159

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.8478, 68.5934, 56.3818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2223, 71.1250, 34.1159 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, 224, 137)` looks like.

```
.text, #text, p{  
    color:rgb(225, 224, 137)  
}
```

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, 224, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 224, 137) }
```

Border

The CSS property to change the border of an element to XYZ 62.2223, 71.1250, 34.1159 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, 224, 137) }
```


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

```
.border{ border-color:rgb(225, 224, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 224, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 224, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 224, 137);  
box-shadow:4px 4px 4px 4px rgb(225, 224,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2223, 71.1250, 34.1159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 224, 137) }
```

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

```
.background{ background-color: rgb(225,  
224, 137) }
```

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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