

Converting Colors

XYZ(62.1273, 70.9047, 33.7834)

Have a look what the booklet for
XYZ(62.1273, 70.9047, 33.7834)
contains.

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Color

**XYZ(62.1509, 71.0964,
33.7398)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E088
RGB	225, 224, 136
RGB Percent	88%, 88%, 53%
CMY	0.1176, 0.1215, 0.4667
CMYK	0.00, 0.00, 0.40, 0.12
HSL	59°, 60%, 71%
HSV	59°, 40%, 88%
XYZ	62.1509, 71.0964, 33.7398
YIQ	214.2670, 28.8440, -27.1560

Conversions

Conversions Part 2

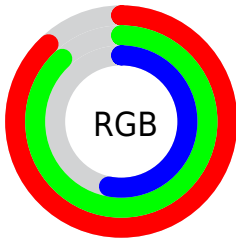
Format	Color
RYB	137, 225, 136
Decimal	14803080
CIELab	87.53, -12.27, 43.16
CIELCh	88, 44.875, 105.874
Yxy	71.0964, 0.3722, 0.4258
Android (android.graphics.Color)	4292993160 (0xFFE1E088)
YUV	214.2670, -38.5856, 9.4128
Hunter-Lab	84.3187, -15.9862, 35.2984

Details

The XYZ color **62.1509, 71.0964, 33.7398** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **32.6895, 28.5610, 75.0240**, and the grayscale version is **64.3361, 67.6866, 73.7107**.

A 20% lighter version of the original color is **86.2943, 96.4977, 62.7929**, and **31.9366, 37.3409, 13.9118** is the 20% darker color. If you saturate the color by 10%, you get **60.6501, 70.3906, 26.1617**, and if you desaturate by 10%, it is **63.9910, 71.9432, 43.0887**.

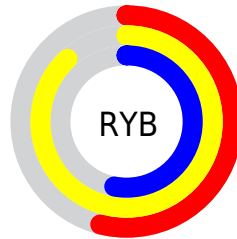
Distribution



Red (88%)

Green (88%)

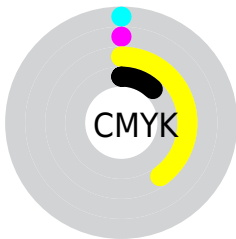
Blue (53%)



Red (54%)

Yellow (88%)

Blue (53%)

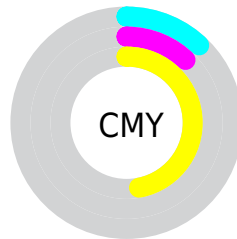


Cyan (0%)

Magenta (0%)

Yellow (40%)

Black (12%)



Cyan (12%)

Magenta (12%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1509, 71.0964, 33.7398 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 62.1509, 71.0964, 33.7398 by changing the saturation by 10% instead.

■ 62.1509, 71.0964,
33.7398

■ 62.1509, 71.0964,
33.7398

422.1901,
464.3904, 333.7039

■ 45.4107, 52.4209,
22.4180

■ 107.0323,
120.7710, 66.6581

■ 31.9837, 37.3407,
13.9631

■ 135.9042,
152.5388, 89.0917

■ 21.5045, 25.4714,
7.9566

■ 169.5507,
189.4395, 116.0664

■ 13.6079, 16.4286,
3.9798

208.3373,
231.8576, 148.0006

■ 7.9283, 9.8279,
1.6143

252.6291,
280.1772, 185.3129

■ 4.1005, 5.2850,
0.3010

302.7916,

■ 1.7592, 2.4154,

334.7830, 228.4219

0.0000

359.1902,
396.0593, 277.7460

■ 0.4929, 0.8338,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1509, 71.0964,
33.7398

■ 62.1509, 71.0964,
33.7398

■ 60.6501, 70.3906,
26.1617

■ 63.9910, 71.9432,
43.0887

■ 59.4621, 69.8076,
20.2383

■ 66.1846, 72.9289,
54.3058


■ 58.5651, 69.3411,
15.8471


■ 68.7511, 74.0640,
67.4866


■ 57.9323, 68.9805,
12.8462


■ 71.7073, 75.3551,
82.7189


 57.5318, 68.7129,
11.0679


 75.0689, 76.8085,
100.0851


 57.3105, 68.5172,
10.2333

 76.1656, 77.3562,
105.5246

 57.3021, 68.5090,
10.2034

 76.2338, 77.4926,
105.5473

 76.3021, 77.6292,
105.5701

 76.3705, 77.7659,
105.5929

Harmonies

Analogous

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



72.6733, 71.0964, 33.4754



62.1509, 71.0964, 33.7398



53.9727, 71.0964, 43.4630

Triad

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



62.1509, 71.0964, 33.7398



54.3522, 71.0964, 127.3378



89.3349, 71.0964, 92.5525

Complementary

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



62.1509, 71.0964, 33.7398



32.6895, 28.5610, 75.0240

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.



83.2898, 71.0964, 125.5903



62.1509, 71.0964, 33.7398



62.7209, 71.0964, 148.9547

Square

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



62.1509, 71.0964, 33.7398



49.8021, 71.0964, 94.5046



73.3058, 71.0964, 148.2425



89.1411, 71.0964, 62.5154

Rectangle

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



62.1509, 71.0964, 33.7398



50.6252, 71.0964, 55.9164



73.3058, 71.0964, 148.2425



87.9398, 71.0964, 103.8116

Sweetspot

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



62.1526, 71.0996, 33.7413



90.3999, 97.9657, 84.9504



44.4061, 35.4367, 28.3495



19.2508, 20.9252, 17.6765



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.



62.1526, 71.0996, 33.7413



80.9582, 93.6824, 36.7926



50.6570, 65.5712, 33.2801



14.8580, 16.0019, 14.6124



33.0263, 39.4905, 5.8818



2.2935, 2.7458, 0.4091

Inverse Universe

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



32.6895, 28.5610, 75.0240



36.9390, 30.1296, 98.4764



40.9896, 32.6311, 75.3721



12.9643, 13.2677, 17.2653



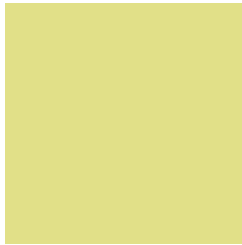
7.8529, 3.1753, 41.2474



0.5487, 0.2289, 2.8605

Previews

White Background



This preview shows how the XYZ color 62.1509, 71.0964, 33.7398 looks on a white background.

Color Contrast Check

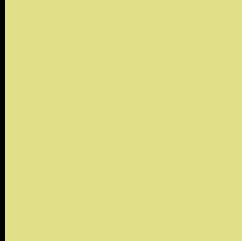
Large Text (above 18pt) WCAG AA × Fail

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 62.1509, 71.0964, 33.7398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

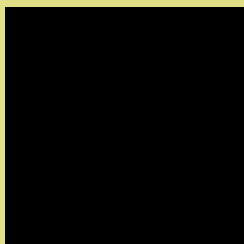
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1509, 71.0964, 33.7398

Background



This preview shows how black text looks on a background with the XYZ color 62.1509, 71.0964, 33.7398.



This preview shows how white text looks on a background with the XYZ color 62.1509, 71.0964,

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

62.1509, 71.0964, 33.7398

Protanopia

65.2312, 70.7350, 32.7694

Deuteranopia

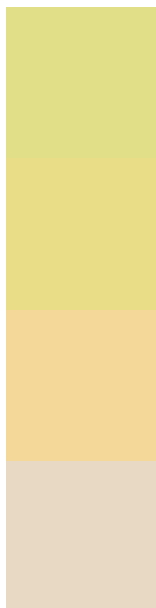
71.3051, 70.9556, 44.1200



Tritanopia

72.6692, 71.1345, 84.7632

Trichromacy



Original Color

62.1509, 71.0964, 33.7398

Protanomaly

64.1613, 70.9546, 33.2356

Deuteranomaly

67.6139, 70.6447, 40.2092

Tritanomaly

68.0554, 70.7670, 62.2971

Monochromacy



Original Color

62.1509, 71.0964, 33.7398

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 62.1509, 71.0964, 33.7398 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, 136)` looks like.

```
.text, #text, p{  
    color:rgb(225, 224, 136)  
}
```

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, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 224, 136) }
```

Border

The CSS property to change the border of an element to XYZ 62.1509, 71.0964, 33.7398 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, 136) }
```


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

```
.border{ border-color:rgb(225, 224, 136) }
```

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, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 224, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 224, 136);  
box-shadow:4px 4px 4px 4px rgb(225, 224,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1509, 71.0964, 33.7398 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, 136) }
```

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

```
.background{ background-color: rgb(225,  
224, 136) }
```

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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