

Converting Colors

XYZ(62.7517, 71.3002, 60.4227)

Have a look what the booklet for
XYZ(62.7517, 71.3002, 60.4227)
contains.

XYZ(62.7341, 71.2115, 60.3079)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.7341, 71.2115,
60.3079)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E1C0
RGB	209, 225, 192
RGB Percent	82%, 88%, 75%
CMY	0.1804, 0.1176, 0.2471
CMYK	0.07, 0.00, 0.15, 0.12
HSL	89°, 35%, 82%
HSV	89°, 15%, 88%
XYZ	62.7341, 71.2115, 60.3079
YIQ	216.4540, 1.0570, -13.6550

Conversions

Conversions Part 2

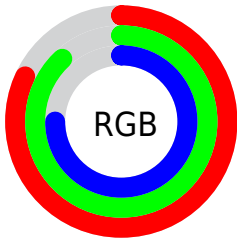
Format	Color
RYB	192, 225, 208
Decimal	13754816
CIELab	87.59, -11.16, 14.35
CIElCh	88, 18.181, 127.875
Yxy	71.2115, 0.3229, 0.3666
Android (android.graphics.Color)	4291944896 (0xFFD1E1C0)
YUV	216.4540, -12.0558, -6.5372
Hunter-Lab	84.3869, -14.9783, 16.6987

Details

The XYZ color **62.7341, 71.2115, 60.3079** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58.4555, 56.5474, 79.0718**, and the grayscale version is **65.6607, 69.0802, 75.2283**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **32.2886, 37.4545, 29.5724** is the 20% darker color. If you saturate the color by 10%, you get **57.4476, 68.7547, 48.0265**, and if you desaturate by 10%, it is **68.6171, 73.9360, 74.6097**.

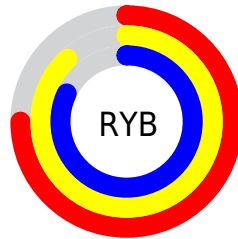
Distribution



Red (82%)

Green (88%)

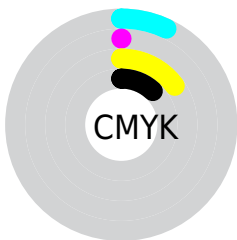
Blue (75%)



Red (75%)

Yellow (88%)

Blue (82%)

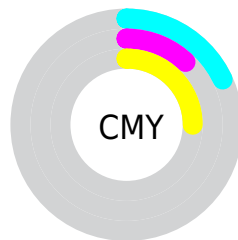


Cyan (7%)

Magenta (0%)

Yellow (15%)

Black (12%)



Cyan (18%)

Magenta (12%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7341, 71.2115, 60.3079 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 62.7341, 71.2115, 60.3079 by changing the saturation by 10% instead.

■ 62.7341, 71.2115,
60.3079

■ 62.7341, 71.2115,
60.3079

424.2789,
464.7924, 443.5679

■ 45.8840, 52.5148,
43.2399

■ 107.8698,
120.9348, 106.8239

■ 32.3585, 37.4156,
29.7406

136.8860,
152.7303, 137.1091

■ 21.7924, 25.5294,
19.3914

170.6884,
189.6607, 172.6370

■ 13.8201, 16.4719,
11.7738

209.6422,
232.1106, 213.8263

■ 8.0765, 9.8587,
6.4692

254.1128,
280.4644, 261.0955

■ 4.1962, 5.3054,
3.0590

304.4655,

■ 1.8137, 2.4275,

335.1063, 314.8632

1.1249

361.0657,
396.4209, 375.5478

■ 0.5259, 0.8400,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.7341, 71.2115,
60.3079

■ 62.7341, 71.2115,
60.3079

■ 57.4476, 68.7547,
48.0265

■ 68.6171, 73.9360,
74.6097

■ 52.7304, 66.5472,
37.6698

■ 75.1111, 76.9274,
91.0126

■ 48.5615, 64.5825,
29.1413

■ 81.5035, 79.9036,
105.7350

■ 44.9161, 62.8502,
22.3342

■ 85.3558, 81.8895,
105.9153

■ 41.7674, 61.3389,
17.1310

■ 86.2167, 82.3333,
105.9556

■ 39.0854, 60.0361,
13.3988

■ 36.8360, 58.9276,
10.9840

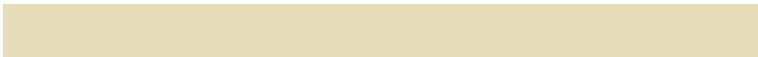
■ 34.9782, 57.9964,
9.6986

■ 34.1149, 57.5590,
9.3120

Harmonies

Analogous

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



66.5578, 71.2115, 56.3672



62.7341, 71.2115, 60.3079



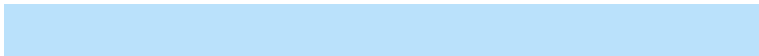
60.3104, 71.2115, 68.9567

Triad

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



62.7341, 71.2115, 60.3079



64.6180, 71.2115, 101.6062



76.2092, 71.2115, 74.3377

Complementary

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



62.7341, 71.2115, 60.3079



58.4555, 56.5474, 79.0718

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.



75.6362, 71.2115, 86.8015



62.7341, 71.2115, 60.3079



68.8236, 71.2115, 103.4376

Square

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



62.7341, 71.2115, 60.3079



61.3656, 71.2115, 93.0024



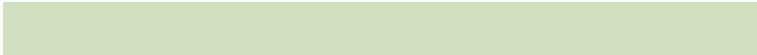
72.8885, 71.2115, 97.7703



74.4227, 71.2115, 63.8892

Rectangle

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



62.7341, 71.2115, 60.3079



59.7537, 71.2115, 76.6627



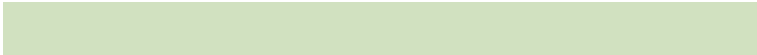
72.8885, 71.2115, 97.7703



76.2875, 71.2115, 78.4183

Sweetspot

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



62.7360, 71.2146, 60.3094



91.6545, 98.4343, 100.3952



63.1122, 64.9033, 59.0714



19.4843, 21.0074, 21.1573



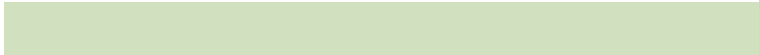
0.0000, 0.0000, 0.0000



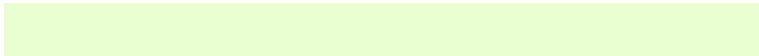
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.7360, 71.2146, 60.3094



80.8010, 93.4086, 74.1575



58.3195, 68.9378, 60.1028



14.1987, 15.6826, 14.5855



19.7932, 33.2363, 5.3720



1.4752, 2.3570, 0.3772

Inverse Universe

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



58.4555, 56.5474, 79.0718



73.9458, 69.9186, 104.2060



63.3231, 59.0567, 79.2996



13.5815, 13.5678, 17.2907



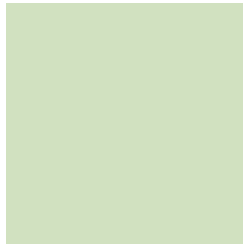
11.6073, 5.0791, 41.4170



0.9076, 0.4052, 2.8756

Previews

White Background



This preview shows how the XYZ color 62.7341, 71.2115, 60.3079 looks on a white background.

Color Contrast Check

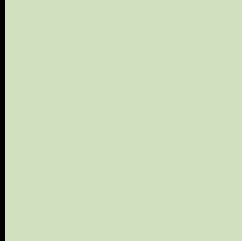
Large Text (above 18pt) WCAG AA × Fail

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 62.7341, 71.2115, 60.3079 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

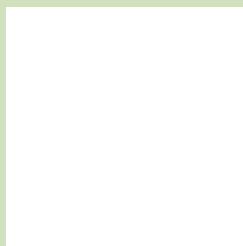
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.7341, 71.2115, 60.3079

Background



This preview shows how black text looks on a background with the XYZ color 62.7341, 71.2115, 60.3079.



This preview shows how white text looks on a background with the XYZ color 62.7341, 71.2115,

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

62.7341, 71.2115, 60.3079

Protanopia

67.1500, 71.1602, 58.3402

Deuteranopia

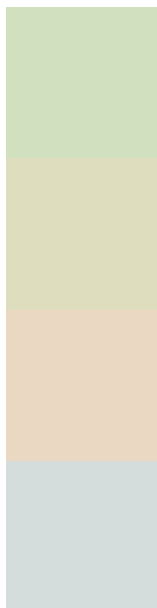
72.2115, 70.6684, 61.4642



Tritanopia

68.7907, 71.3181, 89.4970

Trichromacy



Original Color

62.7341, 71.2115, 60.3079

Protanomaly

65.2749, 70.9602, 58.9715

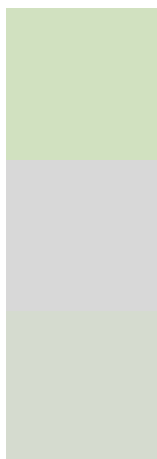
Deuteranomaly

68.2252, 70.4992, 61.0508

Tritanomaly

66.2153, 71.0263, 77.9297

Monochromacy



Original Color

62.7341, 71.2115, 60.3079

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.0346, 69.3142, 69.0355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7341, 71.2115, 60.3079 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(209, 225, 192)` looks like.

```
.text, #text, p{  
    color:rgb(209, 225, 192)  
}
```

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(209, 225, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 225, 192) }
```

Border

The CSS property to change the border of an element to XYZ 62.7341, 71.2115, 60.3079 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(209, 225, 192) }
```


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

```
.border{ border-color:rgb(209, 225, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 225, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 225, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 225, 192); box-shadow:4px 4px 4px 4px rgb(209, 225, 192) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7341, 71.2115, 60.3079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 225, 192) }
```

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

```
.background{ background-color: rgb(209,  
225, 192) }
```

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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