

Converting Colors

XYZ(62.7978, 71.2698, 59.1618)

Have a look what the booklet for
XYZ(62.7978, 71.2698, 59.1618)
contains.

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Color

**XYZ(62.7978, 71.2698,
59.1618)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E1BE
RGB	210, 225, 190
RGB Percent	82%, 88%, 75%
CMY	0.1765, 0.1176, 0.2549
CMYK	0.07, 0.00, 0.16, 0.12
HSL	86°, 37%, 81%
HSV	86°, 16%, 88%
XYZ	62.7978, 71.2698, 59.1618
YIQ	216.5250, 2.2950, -14.0650

Conversions

Conversions Part 2

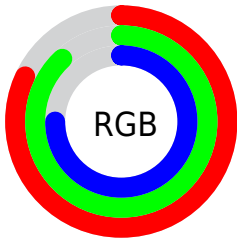
Format	Color
RYB	190, 225, 205
Decimal	13820350
CIELab	87.62, -11.14, 15.45
CIELCh	88, 19.043, 125.790
Yxy	71.2698, 0.3250, 0.3688
Android (android.graphics.Color)	4292010430 (0xFFD2E1BE)
YUV	216.5250, -13.0768, -5.7224
Hunter-Lab	84.4214, -14.9584, 17.5451

Details

The XYZ color **62.7978, 71.2698, 59.1618** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.1838, 55.2442, 78.8873**, and the grayscale version is **65.7154, 69.1378, 75.2910**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **32.4077, 37.5242, 29.2017** is the 20% darker color. If you saturate the color by 10%, you get **57.8627, 68.9904, 47.0694**, and if you desaturate by 10%, it is **68.2819, 73.7927, 73.2646**.

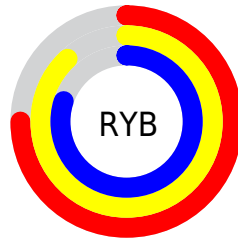
Distribution



Red (82%)

Green (88%)

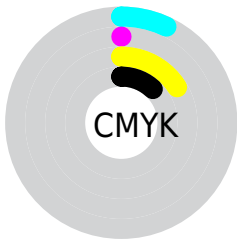
Blue (75%)



Red (75%)

Yellow (88%)

Blue (80%)

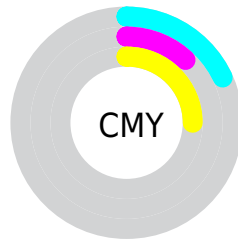


Cyan (7%)

Magenta (0%)

Yellow (16%)

Black (12%)



Cyan (18%)

Magenta (12%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7978, 71.2698, 59.1618 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 62.7978, 71.2698, 59.1618 by changing the saturation by 10% instead.

62.7978, 71.2698,
59.1618

62.7978, 71.2698,
59.1618

424.5066,
464.9960, 439.2198

45.9357, 52.5624,
42.3225

107.9612,
121.0178, 105.1442

32.3995, 37.4536,
29.0265

136.9932,
152.8272, 135.1244

21.8238, 25.5589,
18.8551

170.8125,
189.7727, 170.3220

13.8434, 16.4939,
11.3899

209.7845,
232.2388, 211.1556

8.0928, 9.8743,
6.2122

254.2746,
280.6097, 258.0436

4.2067, 5.3157,
2.9037


304.6481,

1.8197, 2.4337,


335.2700, 311.4046


1.0457


361.2703,
396.6040, 371.6572


 0.5295, 0.8431,
0.0000


 0.0000, 0.0000,
0.0000


 62.7978, 71.2698,
59.1618


 62.7978, 71.2698,
59.1618


 57.8627, 68.9904,
47.0694


 68.2819, 73.7927,
73.2646


 53.4508, 66.9366,
36.8912

 74.3285, 76.5576,
89.4590

 49.5421, 65.1026,
28.5302

 80.5516, 79.4129,
105.6904

 46.1133, 63.4787,
21.8787

 83.8944, 81.1362,
105.8469

■ 43.1387, 62.0542,
16.8179

■ 86.2167, 82.3334,
105.9556

■ 40.5896, 60.8172,
13.2138

■ 38.4331, 59.7542,
10.9103

■ 36.6292, 58.8488,
9.7155

■ 35.9125, 58.4857,
9.3961

Harmonies

Analogous

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



66.8694, 71.2698, 55.4378



62.7978, 71.2698, 59.1618



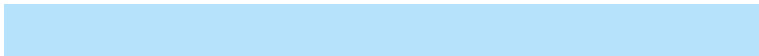
60.1405, 71.2698, 67.8628

Triad

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



62.7978, 71.2698, 59.1618



64.2483, 71.2698, 102.5050



76.7312, 71.2698, 75.1240

Complementary

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



62.7978, 71.2698, 59.1618



57.1838, 55.2442, 78.8873

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.



75.9538, 71.2698, 88.2282



62.7978, 71.2698, 59.1618



68.6177, 71.2698, 105.0001

Square

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



62.7978, 71.2698, 59.1618



60.9516, 71.2698, 93.0366



72.9345, 71.2698, 99.5205



75.0142, 71.2698, 63.9742

Rectangle

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



62.7978, 71.2698, 59.1618



59.4607, 71.2698, 75.7933



72.9345, 71.2698, 99.5205



76.7538, 71.2698, 79.4366

Sweetspot

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



62.7997, 71.2729, 59.1633



91.0824, 98.1840, 98.3522



62.0800, 63.1913, 57.6414



19.3793, 20.9622, 20.7463



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.



62.7997, 71.2729, 59.1633



80.9753, 93.5347, 72.5296



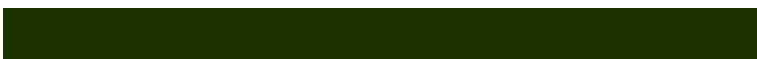
58.1927, 68.8979, 58.9477



14.2747, 15.7218, 14.5890



20.8296, 33.7706, 5.4205



1.5457, 2.3933, 0.3805

Inverse Universe

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



57.1838, 55.2442, 78.8873



72.0331, 68.0106, 103.9386



62.1565, 57.8078, 79.1201



13.5064, 13.5291, 17.2872



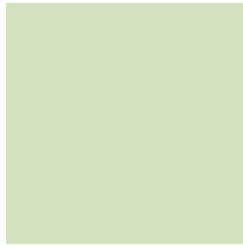
10.7663, 4.6456, 41.3776



0.8472, 0.3740, 2.8728

Previews

White Background



This preview shows how the XYZ color 62.7978, 71.2698, 59.1618 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 62.7978, 71.2698, 59.1618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

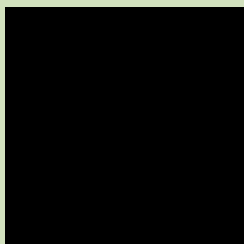
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

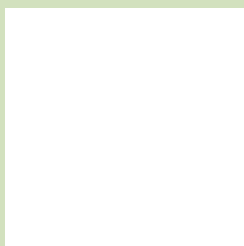
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.7978, 71.2698, 59.1618

Background



This preview shows how black text looks on a background with the XYZ color 62.7978, 71.2698, 59.1618.



This preview shows how white text looks on a background with the XYZ color 62.7978, 71.2698,

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

62.7978, 71.2698, 59.1618

Protanopia

67.2562, 71.2398, 57.2196

Deuteranopia

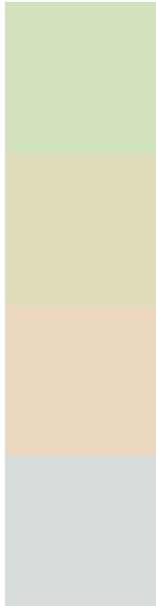
72.3442, 70.7628, 60.2977



Tritanopia

69.0871, 71.4709, 89.5109

Trichromacy



Original Color

62.7978, 71.2698, 59.1618

Protanomaly

65.3650, 71.0317, 57.8423

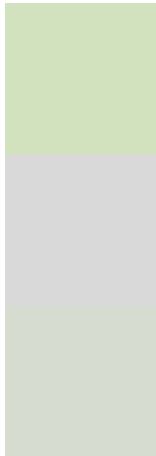
Deuteranomaly

68.3312, 70.5797, 59.8910

Tritanomaly

66.3742, 71.1235, 77.2478

Monochromacy



Original Color

62.7978, 71.2698, 59.1618

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.5872, 69.9875, 69.1363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7978, 71.2698, 59.1618 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(210, 225, 190) looks like.

```
.text, #text, p{  
    color:rgb(210, 225, 190)  
}
```

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(210, 225, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 225, 190) }
```

Border

The CSS property to change the border of an element to XYZ 62.7978, 71.2698, 59.1618 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(210, 225, 190) }
```


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

```
.border{ border-color:rgb(210, 225, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 225, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 225, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 225, 190);  
box-shadow:4px 4px 4px 4px rgb(210, 225,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7978, 71.2698, 59.1618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 225, 190) }
```

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

```
.background{ background-color: rgb(210,  
225, 190) }
```

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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