

Converting Colors

XYZ(62.2356, 67.8273, 59.0996)

Have a look what the booklet for
XYZ(62.2356, 67.8273, 59.0996)
contains.

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Color

**XYZ(62.2412, 67.8344,
59.1031)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D9BF
RGB	215, 217, 191
RGB Percent	84%, 85%, 75%
CMY	0.1569, 0.1490, 0.2510
CMYK	0.01, 0.00, 0.12, 0.15
HSL	65°, 25%, 80%
HSV	65°, 12%, 85%
XYZ	62.2412, 67.8344, 59.1031
YIQ	213.4380, 7.1540, -8.5100

Conversions

Conversions Part 2

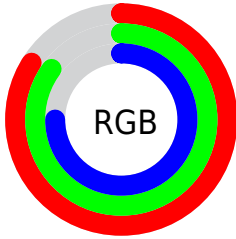
Format	Color
RYB	191, 217, 193
Decimal	14145983
CIELab	85.92, -5.13, 12.58
CIELCh	86, 13.589, 112.190
Yxy	67.8344, 0.3290, 0.3586
Android (android.graphics.Color)	4292336063 (0xFFD7D9BF)
YUV	213.4380, -11.0619, 1.3699
Hunter-Lab	82.3616, -9.2393, 15.1064

Details

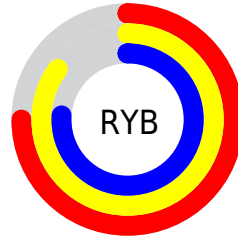
The XYZ color **62.2412, 67.8344, 59.1031** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1501, 53.6106, 73.1959**, and the grayscale version is **63.6092, 66.9218, 72.8778**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **32.0050, 35.1492, 29.1424** is the 20% darker color. If you saturate the color by 10%, you get **59.5399, 66.6997, 47.4208**, and if you desaturate by 10%, it is **65.3051, 69.1192, 72.6522**.

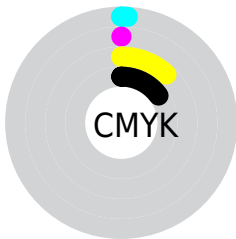
Distribution



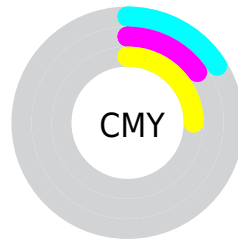
- Red (84%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2412, 67.8344, 59.1031 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 62.2412, 67.8344, 59.1031 by changing the saturation by 10% instead.

62.2412, 67.8344,
59.1031

62.2412, 67.8344,
59.1031

422.5139,
452.9091, 438.9964

45.4840, 49.7630,
42.2756

107.1620,
116.1152, 105.0581

32.0417, 35.2251,
28.9899

136.0563,
147.0934, 135.0226

21.5490, 23.8364,
18.8277

169.7270,
183.1427, 170.2032

13.6407, 15.2123,
11.3703

208.5395,
224.6475, 211.0185

7.9512, 8.9685,
6.1992

252.8590,
271.9921, 257.8869

4.1153, 4.7206,
2.8958

303.0511,

1.7676, 2.0843,

325.5610, 311.2269

1.0417

359.4809,
385.7385, 371.4573

0.4980, 0.6558,
0.0000

0.0000, 0.0000,
0.0000

62.2412, 67.8344,
59.1031

62.2412, 67.8344,
59.1031

59.5399, 66.6997,
47.4208

65.3051, 69.1192,
72.6522

57.1802, 65.6999,
37.5192

68.7406, 70.5510,
88.1403

55.1472, 64.8314,
29.3120

72.3852, 72.0671,
104.7030

53.4229, 64.0870,
22.7042

72.8941, 72.3294,
104.7268

■ 51.9873, 63.4586,
17.5913

■ 73.4080, 72.5944,
104.7508

■ 50.8183, 62.9374,
13.8562

■ 73.9271, 72.8620,
104.7751

■ 49.8904, 62.5132,
11.3647

■ 74.4513, 73.1322,
104.7997

■ 49.1729, 62.1738,
9.9558

■ 74.9806, 73.4050,
104.8244

■ 48.7082, 61.9463,
9.3896

■ 75.5150, 73.6806,
104.8494

Harmonies

Analogous

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



65.2910, 67.8344, 58.1514



62.2412, 67.8344, 59.1031



59.8622, 67.8344, 63.8457

Triad

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



62.2412, 67.8344, 59.1031



60.8758, 67.8344, 88.2415



70.5856, 67.8344, 76.2132

Complementary

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



62.2412, 67.8344, 59.1031



53.1501, 53.6106, 73.1959

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.



69.3179, 67.8344, 84.8706



62.2412, 67.8344, 59.1031



63.6649, 67.8344, 92.1700

Square

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



62.2412, 67.8344, 59.1031



59.0918, 67.8344, 80.5225



66.7607, 67.8344, 90.8893



70.1747, 67.8344, 67.5758

Rectangle

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



62.2412, 67.8344, 59.1031



58.9444, 67.8344, 68.7421



66.7607, 67.8344, 90.8893



70.3403, 67.8344, 79.2261

Sweetspot

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



62.2430, 67.8374, 59.1046



93.1622, 99.2116, 100.4658



57.0325, 56.5372, 57.1980



19.8667, 21.2045, 21.1752



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.



62.2430, 67.8374, 59.1046



88.8206, 97.3921, 81.3423



58.6486, 65.9844, 58.9363



14.0580, 15.2102, 13.9205



29.5245, 37.5179, 5.6856



1.9428, 2.4461, 0.3697

Inverse Universe

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



53.1501, 53.6106, 73.1959



73.5999, 73.5775, 104.9305



56.5369, 55.3566, 73.3544



12.4312, 12.6649, 16.4415



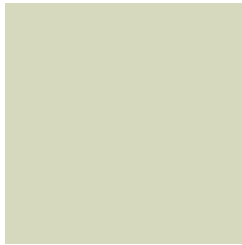
7.7530, 3.1210, 39.9322



0.5355, 0.2193, 2.5886

Previews

White Background



This preview shows how the XYZ color 62.2412, 67.8344, 59.1031 looks on a white background.

Color Contrast Check

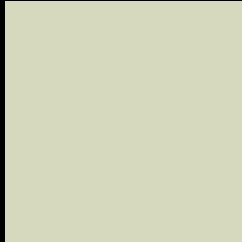
Large Text (above 18pt) WCAG AA × Fail

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 62.2412, 67.8344, 59.1031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

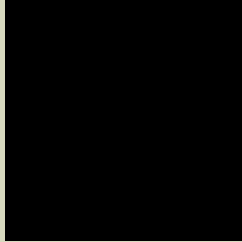
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

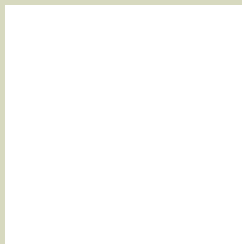
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.2412, 67.8344, 59.1031

Background



This preview shows how black text looks on a background with the XYZ color 62.2412, 67.8344, 59.1031.



This preview shows how white text looks on a background with the XYZ color 62.2412, 67.8344,

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

62.2412, 67.8344, 59.1031

Protanopia

64.0813, 67.6581, 58.3971

Deuteranopia

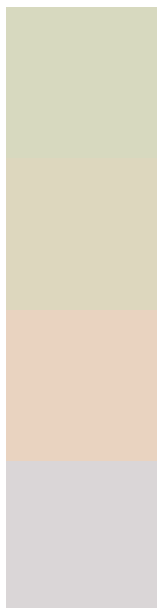
68.9006, 67.5306, 59.8553



Tritanopia

67.0623, 67.9040, 82.9710

Trichromacy



Original Color

62.2412, 67.8344, 59.1031

Protanomaly

63.4135, 67.6907, 58.4386

Deuteranomaly

66.4130, 67.7179, 59.4397

Tritanomaly

65.2258, 67.9049, 73.9592

Monochromacy



Original Color

62.2412, 67.8344, 59.1031

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.7976, 66.7971, 67.3409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2412, 67.8344, 59.1031 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(215, 217, 191) looks like.

```
.text, #text, p{  
    color:rgb(215, 217, 191)  
}
```

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(215, 217, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 217, 191) }
```

Border

The CSS property to change the border of an element to XYZ 62.2412, 67.8344, 59.1031 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(215, 217, 191) }
```


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

```
.border{ border-color:rgb(215, 217, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 217, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 217, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 217, 191);  
box-shadow:4px 4px 4px 4px rgb(215, 217,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2412, 67.8344, 59.1031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 217, 191) }
```

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

```
.background{ background-color: rgb(215,  
217, 191) }
```

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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