

Converting Colors

XYZ(62.6425, 67.7906, 59.1403)

Have a look what the booklet for
XYZ(62.6425, 67.7906, 59.1403)
contains.

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Color

**XYZ(62.5751, 67.6250,
59.0451)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D8BF
RGB	217, 216, 191
RGB Percent	85%, 85%, 75%
CMY	0.1490, 0.1529, 0.2510
CMYK	0.00, 0.00, 0.12, 0.15
HSL	58°, 25%, 80%
HSV	58°, 12%, 85%
XYZ	62.5751, 67.6250, 59.0451
YIQ	213.4490, 8.6210, -7.5630

Conversions

Conversions Part 2

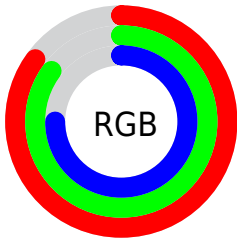
Format	Color
R _{YB}	192, 217, 191
Decimal	14276799
CIE Lab	85.82, -3.90, 12.46
CIE LCh	86, 13.053, 107.407
Yxy	67.6250, 0.3307, 0.3573
Android (android.graphics.Color)	4292466879 (0xFFD9D8BF)
YUV	213.4490, -11.0674, 3.1142
Hunter-Lab	82.2344, -8.0832, 14.9933

Details

The XYZ color **62.5751, 67.6250, 59.0451** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.8598, 53.7845, 73.2417**, and the grayscale version is **63.6158, 66.9288, 72.8855**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **32.2326, 35.0061, 29.1028** is the 20% darker color. If you saturate the color by 10%, you get **60.1502, 66.3175, 47.3151**, and if you desaturate by 10%, it is **65.3586, 69.0822, 72.6420**.

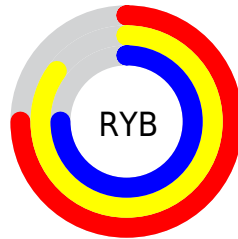
Distribution



Red (85%)

Green (85%)

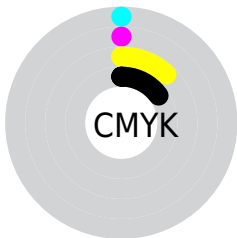
Blue (75%)



Red (75%)

Yellow (85%)

Blue (75%)

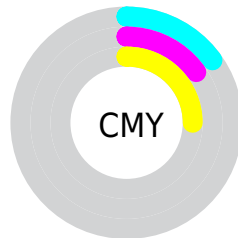


Cyan (0%)

Magenta (0%)

Yellow (12%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5751, 67.6250, 59.0451 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 62.5751, 67.6250, 59.0451 by changing the saturation by 10% instead.

■ 62.5751, 67.6250,
59.0451

■ 62.5751, 67.6250,
59.0451

423.7100,
452.1662, 438.7756

■ 45.7549, 49.5927,
42.2292

■ 107.6415,
115.8155, 104.9730

■ 32.2563, 35.0899,
28.9539

136.6185,
146.7425, 134.9220

■ 21.7138, 23.7321,
18.8007

170.3784,
182.7366, 170.0858

■ 13.7622, 15.1350,
11.3510

209.2867,
224.1821, 210.8830

■ 8.0360, 8.9142,
6.1863

253.7086,
271.4634, 257.7320

■ 4.1700, 4.6853,
2.8881

304.0096,

■ 1.7988, 2.0638,

324.9649, 311.0514

1.0378

360.5549,
385.0711, 371.2597

■ 0.5169, 0.6442,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.5751, 67.6250,
59.0451

■ 62.5751, 67.6250,
59.0451

■ 60.1502, 66.3175,
47.3151

■ 65.3586, 69.0822,
72.6420

■ 58.0629, 65.1445,
37.3658


■ 68.5098, 70.6859,
88.1779


■ 56.2984, 64.1023,
29.1111


■ 71.8663, 72.3735,
104.7895


■ 54.8387, 63.1838,
22.4558


■ 72.0830, 72.8068,
104.8617


 53.6638, 62.3809,
17.2954


 72.3008, 73.2424,
104.9343


 52.7516, 61.6848,
13.5129


 72.5197, 73.6801,
105.0072


 52.0766, 61.0853,
10.9742

 72.7396, 74.1200,
105.0805

 51.6082, 60.5701,
9.5181

 72.9606, 74.5620,
105.1542

 51.3403, 60.2014,
8.9141

 73.1827, 75.0063,
105.2283

Harmonies

Analogous

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



65.5341, 67.6250, 58.7375



62.5751, 67.6250, 59.0451



60.1453, 67.6250, 63.0659

Triad

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



62.5751, 67.6250, 59.0451



60.4717, 67.6250, 86.3977



70.0367, 67.6250, 77.2716

Complementary

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



62.5751, 67.6250, 59.0451



52.8598, 53.7845, 73.2417

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.



68.5907, 67.6250, 85.3171



62.5751, 67.6250, 59.0451



63.0332, 67.6250, 90.8532

Square

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



62.5751, 67.6250, 59.0451



58.9569, 67.6250, 78.6557



66.0065, 67.6250, 90.4431



69.9048, 67.6250, 68.8271

Rectangle

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



62.5751, 67.6250, 59.0451



59.1247, 67.6250, 67.5004



66.0065, 67.6250, 90.4431



69.7172, 67.6250, 80.1244

Sweetspot

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



62.5769, 67.6280, 59.0466



93.3264, 99.1114, 100.4378



56.7946, 55.8334, 57.8281



19.9084, 21.1790, 21.1680



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.



62.5769, 67.6280, 59.0466



89.3911, 97.0411, 81.2445



59.4773, 66.4099, 58.9748



14.1173, 15.1739, 13.9104



31.0969, 36.4794, 5.4023



2.0282, 2.3905, 0.3545

Inverse Universe

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



52.8598, 53.7845, 73.2417



73.1224, 73.8639, 105.0109



55.7030, 54.9268, 73.3123



12.3785, 12.6967, 16.4504



7.6537, 3.1768, 39.9482



0.5103, 0.2346, 2.5928

Previews

White Background



This preview shows how the XYZ color 62.5751, 67.6250, 59.0451 looks on a white background.

Color Contrast Check

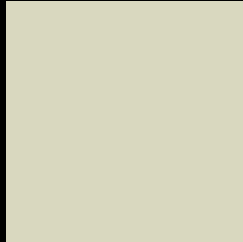
Large Text (above 18pt) WCAG AA × Fail

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 62.5751, 67.6250, 59.0451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

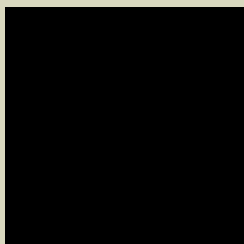
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

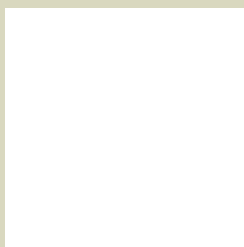
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5751, 67.6250, 59.0451

Background



This preview shows how black text looks on a background with the XYZ color 62.5751, 67.6250, 59.0451.



This preview shows how white text looks on a background with the XYZ color 62.5751, 67.6250,

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

62.5751, 67.6250, 59.0451

Protanopia

64.0813, 67.6581, 58.3971

Deuteranopia

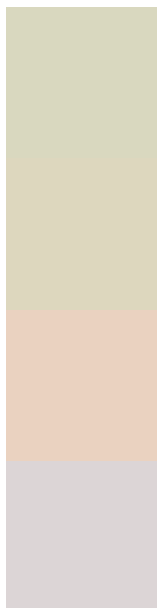
68.9006, 67.5306, 59.8553



Tritanopia

67.2836, 67.6642, 82.1873

Trichromacy



Original Color

62.5751, 67.6250, 59.0451

Protanomaly

63.4135, 67.6907, 58.4386

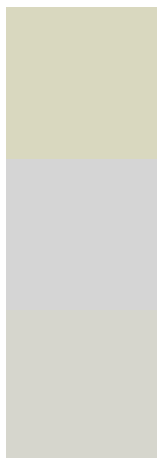
Deuteranomaly

66.4927, 67.3914, 59.3725

Tritanomaly

65.4470, 67.6592, 73.2284

Monochromacy



Original Color

62.5751, 67.6250, 59.0451

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 62.5751, 67.6250, 59.0451 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(217, 216, 191) looks like.

```
.text, #text, p{  
    color:rgb(217, 216, 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(217, 216, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 216, 191) }
```

Border

The CSS property to change the border of an element to XYZ 62.5751, 67.6250, 59.0451 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(217, 216, 191) }
```


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

```
.border{ border-color:rgb(217, 216, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 216, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 216, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 216, 191);  
box-shadow:4px 4px 4px 4px rgb(217, 216,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5751, 67.6250, 59.0451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 216, 191) }
```

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

```
.background{ background-color: rgb(217,  
216, 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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