

Converting Colors

XYZ(61.0457, 67.2955, 58.9492)

Have a look what the booklet for
XYZ(61.0457, 67.2955, 58.9492)
contains.

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Color

**XYZ(61.0808, 67.2362,
59.0488)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D9BF
RGB	211, 217, 191
RGB Percent	83%, 85%, 75%
CMY	0.1725, 0.1490, 0.2510
CMYK	0.03, 0.00, 0.12, 0.15
HSL	74°, 25%, 80%
HSV	74°, 12%, 85%
XYZ	61.0808, 67.2362, 59.0488
YIQ	212.2420, 4.7700, -9.3580

Conversions

Conversions Part 2

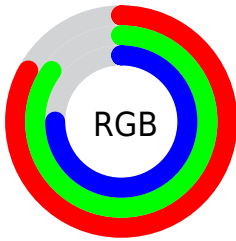
Format	Color
RYB	191, 217, 197
Decimal	13883839
CIELab	85.62, -6.55, 12.11
CIELCh	86, 13.773, 118.407
Yxy	67.2362, 0.3260, 0.3588
Android (android.graphics.Color)	4292073919 (0xFFD3D9BF)
YUV	212.2420, -10.4723, -1.0892
Hunter-Lab	81.9977, -10.5297, 14.7020

Details

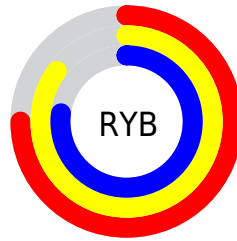
The XYZ color **61.0808, 67.2362, 59.0488** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1838, 54.1435, 73.2442**, and the grayscale version is **62.8071, 66.0779, 71.9589**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **31.2181, 34.7436, 29.1056** is the 20% darker color. If you saturate the color by 10%, you get **57.4548, 65.6248, 47.3232**, and if you desaturate by 10%, it is **65.1091, 69.0181, 72.6430**.

Distribution



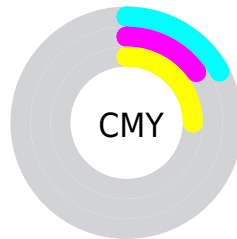
- Red (83%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (77%)



- Cyan (3%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)





- Cyan (17%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0808, 67.2362, 59.0488 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 61.0808, 67.2362, 59.0488 by changing the saturation by 10% instead.


 61.0808, 67.2362,
59.0488

 61.0808, 67.2362,
59.0488


418.3414,
450.7851, 438.7897

 44.5432, 49.2766,
42.2321


 105.4934,
115.2588, 104.9784

 31.2975, 34.8389,
28.9562


134.0990,
146.0906, 134.9284

 20.9784, 23.5388,
18.8024

167.4581,
181.9819, 170.0933

 13.2206, 14.9919,
11.3522

205.9358,
223.3171, 210.8916

 7.6587, 8.8137,
6.1871

249.8977,
270.4807, 257.7418

 3.9273, 4.6199,
2.8886

299.7090,

 1.6611, 2.0260,

323.8569, 311.0626

1.0380

355.7351,
383.8302, 371.2723

■ 0.4317, 0.6225,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0808, 67.2362,
59.0488

■ 61.0808, 67.2362,
59.0488

■ 57.4548, 65.6248,
47.3232

■ 65.1091, 69.0181,
72.6430

■ 54.2098, 64.1686,
37.3801

■ 69.5491, 70.9678,
88.1782

■ 51.3305, 62.8638,
29.1334

■ 74.2387, 73.0226,
104.7897

■ 48.7983, 61.7029,
22.4878

■ 75.8334, 73.8447,
104.8643

■ 46.5931, 60.6778,
17.3388

■ 77.4745, 74.6907,
104.9411

■ 44.6923, 59.7793,
13.5695

■ 79.1622, 75.5607,
105.0201

■ 43.0697, 58.9970,
11.0455

■ 80.8970, 76.4551,
105.1013

■ 41.6946, 58.3185,
9.6058

■ 82.6792, 77.3738,
105.1847

■ 40.7290, 57.8328,
9.0162

■ 84.1042, 78.1084,
105.2514

Harmonies

Analogous

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



64.0737, 67.2362, 57.2714



61.0808, 67.2362, 59.0488



58.9074, 67.2362, 64.5316

Triad

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



61.0808, 67.2362, 59.0488



60.7996, 67.2362, 88.9214



70.1234, 67.2362, 73.6897

Complementary

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



61.0808, 67.2362, 59.0488



54.1838, 54.1435, 73.2442

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.



69.1796, 67.2362, 82.6310



61.0808, 67.2362, 59.0488



63.7386, 67.2362, 91.8584

Square

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



61.0808, 67.2362, 59.0488



58.7489, 67.2362, 81.7332



66.8170, 67.2362, 89.4688



69.3564, 67.2362, 65.2987

Rectangle

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



61.0808, 67.2362, 59.0488



58.1807, 67.2362, 69.7939



66.8170, 67.2362, 89.4688



69.9951, 67.2362, 76.7333

Sweetspot

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



61.0826, 67.2391, 59.0503



92.5897, 98.9164, 100.4390



57.9047, 58.2815, 57.4887



19.7213, 21.1295, 21.1684



0.0000, 0.0000, 0.0000



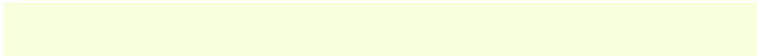
20.3446, 21.4041, 23.3091

Same Dimension

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



61.0826, 67.2391, 59.0503



86.8577, 96.3802, 81.2504



57.6046, 65.4461, 58.8875



13.8530, 15.1044, 13.9109



24.7504, 35.0568, 5.4622



1.6765, 2.3088, 0.3573

Inverse Universe

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



54.1838, 54.1435, 73.2442



75.3101, 74.4591, 105.0105



57.6315, 55.9209, 73.4056



12.6186, 12.7615, 16.4503



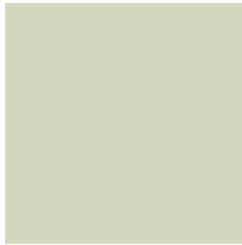
8.4582, 3.4845, 39.9652



0.6239, 0.2649, 2.5927

Previews

White Background



This preview shows how the XYZ color 61.0808, 67.2362, 59.0488 looks on a white background.

Color Contrast Check

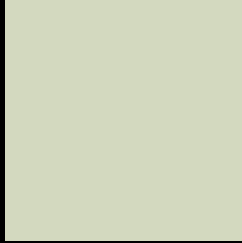
Large Text (above 18pt) WCAG AA × Fail

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 61.0808, 67.2362, 59.0488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

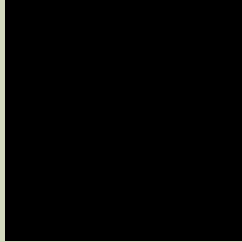
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

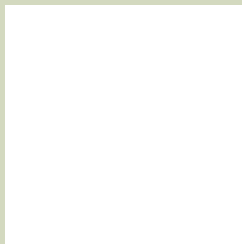
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0808, 67.2362, 59.0488

Background



This preview shows how black text looks on a background with the XYZ color 61.0808, 67.2362, 59.0488.



This preview shows how white text looks on a background with the XYZ color 61.0808, 67.2362,

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

61.0808, 67.2362, 59.0488

Protanopia

63.4110, 66.9506, 57.7248

Deuteranopia

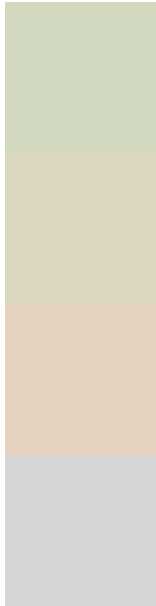
68.3149, 66.8701, 59.7587



Tritanopia

65.8660, 67.2873, 82.9150

Trichromacy



Original Color

61.0808, 67.2362, 59.0488

Protanomaly

62.5542, 66.8709, 58.3256

Deuteranomaly

65.5160, 66.8879, 59.3268

Tritanomaly

64.0439, 67.2956, 73.9038

Monochromacy



Original Color

61.0808, 67.2362, 59.0488

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.0970, 66.4498, 66.6800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0808, 67.2362, 59.0488 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(211, 217, 191)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 217, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 217, 191) }
```

Border

The CSS property to change the border of an element to XYZ 61.0808, 67.2362, 59.0488 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(211, 217, 191) }
```


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

```
.border{ border-color:rgb(211, 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(211, 217, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 217, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 217, 191);  
box-shadow:4px 4px 4px 4px rgb(211, 217,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0808, 67.2362, 59.0488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 217, 191) }
```

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

```
.background{ background-color: rgb(211,  
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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