

Converting Colors

XYZ(62.1520, 68.7198, 59.0261)

Have a look what the booklet for
XYZ(62.1520, 68.7198, 59.0261)
contains.

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Color

**XYZ(62.1761, 68.5708,
59.2487)**

Conversions

Conversions Part 1

Format	Color
Hex	D5DBBF
RGB	213, 219, 191
RGB Percent	84%, 86%, 75%
CMY	0.1647, 0.1412, 0.2510
CMYK	0.03, 0.00, 0.13, 0.14
HSL	73°, 28%, 80%
HSV	73°, 13%, 86%
XYZ	62.1761, 68.5708, 59.2487
YIQ	214.0140, 5.4120, -9.9800

Conversions

Conversions Part 2

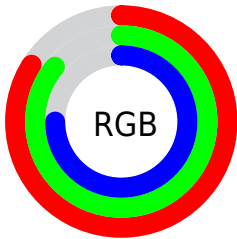
Format	Color
RYB	191, 219, 197
Decimal	14015423
CIELab	86.29, -6.87, 13.08
CIELCh	86, 14.776, 117.698
Yxy	68.5708, 0.3273, 0.3609
Android (android.graphics.Color)	4292205503 (0xFFD5DBBF)
YUV	214.0140, -11.3459, -0.8893
Hunter-Lab	82.8075, -10.8862, 15.5433

Details

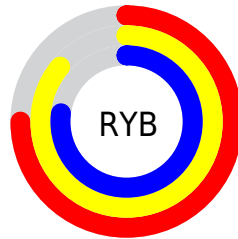
The XYZ color **62.1761, 68.5708, 59.2487** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.4457, 54.2483, 74.6229**, and the grayscale version is **63.9990, 67.3319, 73.3244**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **31.9635, 35.6550, 29.2422** is the 20% darker color. If you saturate the color by 10%, you get **58.6022, 66.9884, 47.4274**, and if you desaturate by 10%, it is **66.1536, 70.3237, 72.9730**.

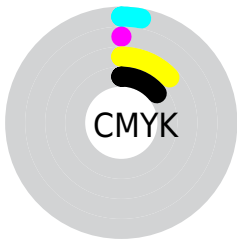
Distribution



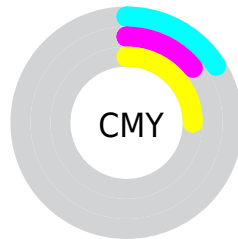
- Red (84%)
- Green (86%)
- Blue (75%)



- Red (75%)
- Yellow (86%)
- Blue (77%)



- Cyan (3%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)





- Cyan (16%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1761, 68.5708, 59.2487 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 62.1761, 68.5708, 59.2487 by changing the saturation by 10% instead.


 62.1761, 68.5708,
59.2487

 62.1761, 68.5708,
59.2487


422.2805,
455.5157, 439.5505

 45.4311, 50.3622,
42.3920


 107.0685,
117.1683, 105.2717

 31.9999, 35.7013,
29.0805


135.9467,
148.3261, 135.2751

 21.5170, 24.2036,
18.8956


169.5999,
184.5691, 170.4979

 13.6170, 15.4847,
11.4188

208.3937,
226.2817, 211.3585

 7.9347, 9.1603,
6.2316

252.6933,
273.8482, 258.2755

 4.1046, 4.8459,
2.9154

302.8640,

 1.7615, 2.1571,

327.6532, 311.6675

1.0516

359.2713,
388.0809, 371.9530

■ 0.4943, 0.6965,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1761, 68.5708,
59.2487

■ 62.1761, 68.5708,
59.2487

■ 58.6022, 66.9884,
47.4274

■ 66.1536, 70.3237,
72.9730

■ 55.4101, 65.5610,
37.4205

■ 70.5444, 72.2443,
88.6745

■ 52.5841, 64.2845,
29.1394

■ 75.0894, 74.2311,
104.9781

■ 50.1053, 63.1513,
22.4860

■ 76.5916, 75.0056,
105.0484

■ 47.9529, 62.1531,
17.3524

■ 78.1346, 75.8010,
105.1207

■ 46.1036, 61.2805,
13.6179

■ 79.7186, 76.6176,
105.1948

■ 44.5307, 60.5228,
11.1433

■ 81.3439, 77.4555,
105.2709

■ 43.2019, 59.8670,
9.7608

■ 83.0109, 78.3148,
105.3489

■ 42.3566, 59.4419,
9.2410

■ 84.6229, 79.1458,
105.4243

Harmonies

Analogous

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



65.4381, 68.5708, 57.4374



62.1761, 68.5708, 59.2487



59.7915, 68.5708, 65.0761

Triad

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



62.1761, 68.5708, 59.2487



61.7353, 68.5708, 91.6731



71.9433, 68.5708, 75.4184

Complementary

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



62.1761, 68.5708, 59.2487



54.4457, 54.2483, 74.6229

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.



70.8712, 68.5708, 85.1457



62.1761, 68.5708, 59.2487



64.9116, 68.5708, 95.0258

Square

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



62.1761, 68.5708, 59.2487



59.5434, 68.5708, 83.7283



68.2678, 68.5708, 92.5402



71.1499, 68.5708, 66.2749

Rectangle

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



62.1761, 68.5708, 59.2487



58.9799, 68.5708, 70.7345



68.2678, 68.5708, 92.5402



71.7883, 68.5708, 78.7322

Sweetspot

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



62.1780, 68.5738, 59.2502



92.6509, 98.9479, 100.4418



58.4953, 58.5748, 57.5143



19.7368, 21.1375, 21.1691



0.0000, 0.0000, 0.0000



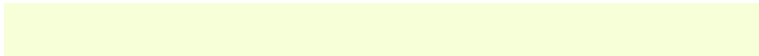
20.3446, 21.4041, 23.3091

Same Dimension

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



62.1780, 68.5738, 59.2502



86.5387, 96.2543, 79.4931



58.3973, 66.6248, 59.0732



13.8747, 15.1157, 13.9119



25.2096, 35.2935, 5.4836



1.7027, 2.3223, 0.3585

Inverse Universe

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



54.4457, 54.2483, 74.6229



73.8346, 72.7167, 104.7520



58.1688, 56.1676, 74.7972



12.5984, 12.7511, 16.4493



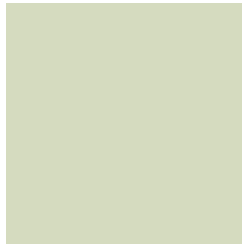
8.3510, 3.4293, 39.9602



0.6144, 0.2600, 2.5922

Previews

White Background



This preview shows how the XYZ color 62.1761, 68.5708, 59.2487 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 62.1761, 68.5708, 59.2487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

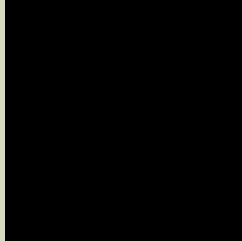
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

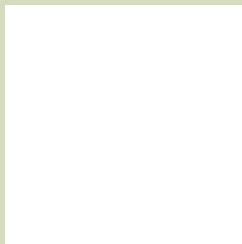
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.1761, 68.5708, 59.2487

Background



This preview shows how black text looks on a background with the XYZ color 62.1761, 68.5708, 59.2487.



This preview shows how white text looks on a background with the XYZ color 62.1761, 68.5708,

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

62.1761, 68.5708, 59.2487

Protanopia

64.8498, 68.4438, 57.9371

Deuteranopia

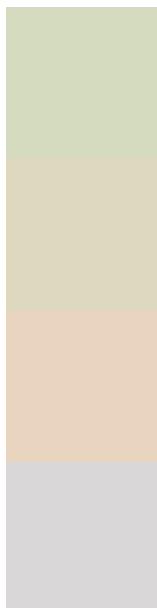
69.8377, 68.3745, 59.9688



Tritanopia

67.2906, 68.3617, 84.5115

Trichromacy



Original Color

62.1761, 68.5708, 59.2487

Protanomaly

63.6689, 68.2016, 58.5237

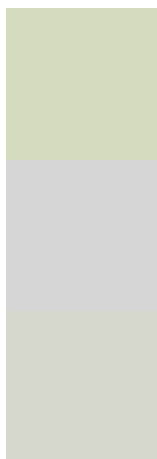
Deuteranomaly

66.6622, 68.2164, 59.5228

Tritanomaly

65.3104, 68.3105, 74.7088

Monochromacy



Original Color

62.1761, 68.5708, 59.2487

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.4280, 67.8641, 68.1486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1761, 68.5708, 59.2487 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(213, 219, 191) looks like.

```
.text, #text, p{  
    color:rgb(213, 219, 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(213, 219, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 219, 191) }
```

Border

The CSS property to change the border of an element to XYZ 62.1761, 68.5708, 59.2487 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(213, 219, 191) }
```


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

```
.border{ border-color:rgb(213, 219, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 219, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 219, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 219, 191);  
box-shadow:4px 4px 4px 4px rgb(213, 219,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1761, 68.5708, 59.2487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 219, 191) }
```

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

```
.background{ background-color: rgb(213,  
219, 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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