

Converting Colors

XYZ(62.8746, 65.5927, 72.9661)

Have a look what the booklet for
XYZ(62.8746, 65.5927, 72.9661)
contains.

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Color

**XYZ(62.8724, 65.5897,
72.9647)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D3D6
RGB	213, 211, 214
RGB Percent	84%, 83%, 84%
CMY	0.1647, 0.1725, 0.1608
CMYK	0.00, 0.01, 0.00, 0.16
HSL	280°, 4%, 83%
HSV	280°, 1%, 84%
XYZ	62.8724, 65.5897, 72.9647
YIQ	211.9400, 0.2290, 1.3570

Conversions

Conversions Part 2

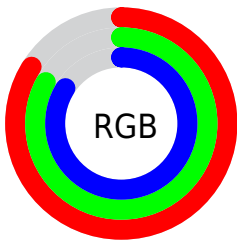
Format	Color
R _Y B	213, 211, 214
Decimal	14013398
CIE Lab	84.79, 1.23, -1.25
CIE LCh	85, 1.752, 314.622
Yxy	65.5897, 0.3121, 0.3256
Android (android.graphics.Color)	4292203478 (0xFFD5D3D6)
YUV	211.9400, 1.0156, 0.9296
Hunter-Lab	80.9875, -3.1545, 3.2746

Details

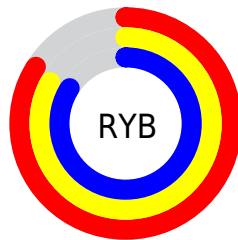
The XYZ color **62.8724, 65.5897, 72.9647** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.9584, 66.7952, 71.2059**, and the grayscale version is **62.5344, 65.7910, 71.6465**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4155, 33.8862, 37.6331** is the 20% darker color. If you saturate the color by 10%, you get **55.8798, 54.6126, 71.2154**, and if you desaturate by 10%, it is **70.6677, 78.0351, 74.9570**.

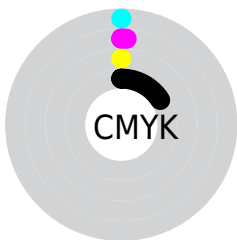
Distribution



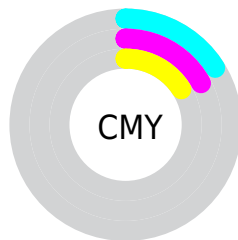
- Red (84%)
- Green (83%)
- Blue (84%)



- Red (84%)
- Yellow (83%)
- Blue (84%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8724, 65.5897, 72.9647 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 62.8724, 65.5897, 72.9647 by changing the saturation by 10% instead.

■ 62.8724, 65.5897,
72.9647

■ 62.8724, 65.5897,
72.9647

424.7733,
444.9081, 489.9600

■ 45.9962, 47.9394,
53.4555

108.0682,
112.8972, 125.1475

■ 32.4475, 33.7789,
37.7763

137.1187,
143.3233, 158.6582

■ 21.8607, 22.7238,
25.5086

170.9579,
178.7767, 197.6731

■ 13.8706, 14.3897,
16.2339

209.9512,
219.6419, 242.6108

■ 8.1118, 8.3922,
9.5337

254.4641,
266.3032, 293.8898

■ 4.2190, 4.3469,
4.9894

304.8618,

■ 1.8268, 1.8695,

319.1451, 351.9286

2.1824

361.5098,
378.5519, 417.1458

■ 0.5337, 0.5299,
0.6642

■ 0.0000, 0.0000,
0.0000

■ 62.8724, 65.5897,
72.9647

■ 62.8724, 65.5897,
72.9647

■ 55.8798, 54.6126,
71.2154

■ 70.6677, 78.0351,
74.9570

■ 49.6555, 45.0391,
69.6956

■ 79.2876, 91.9932,
77.1969

■ 44.1706, 36.8123,
68.3968

■ 81.9717, 93.9409,
77.4314

■ 39.3921, 29.8680,
67.3083

■ 84.3705, 95.1775,
77.5436

■ 35.2844, 24.1369,
66.4185

■ 86.8651, 96.4635,
77.6604

■ 31.8084, 19.5427,
65.7150

■ 89.1378, 97.6351,
77.7667

■ 28.9206, 16.0004,
65.1834

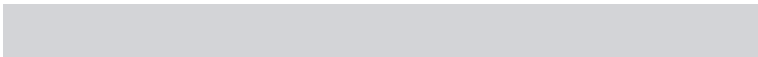
■ 26.5715, 13.4126,
64.8078

■ 24.7018, 11.6630,
64.5686

Harmonies

Analogous

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



62.5317, 65.5897, 73.5268



62.8724, 65.5897, 72.9647



63.0712, 65.5897, 71.9904

Triad

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



62.8724, 65.5897, 72.9647



62.5413, 65.5897, 69.3533



61.6140, 65.5897, 71.9628

Complementary

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



62.8724, 65.5897, 72.9647



62.9584, 66.7952, 71.2059

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.



61.6166, 65.5897, 70.8447



62.8724, 65.5897, 72.9647



62.1508, 65.5897, 69.3460

Square

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



62.8724, 65.5897, 72.9647



62.8795, 65.5897, 69.9093



61.8127, 65.5897, 69.8894



61.8057, 65.5897, 72.9443

Rectangle

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



62.8724, 65.5897, 72.9647



63.0959, 65.5897, 71.2421



61.8127, 65.5897, 69.8894



61.5922, 65.5897, 71.5903

Sweetspot

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



62.8743, 65.5925, 72.9661

95.0500, 100.0000, 108.9000



62.5602, 65.8187, 73.0263



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



62.8743, 65.5925, 72.9661



92.8210, 96.4676, 108.3357



63.1080, 65.7196, 72.6778



13.6961, 14.2461, 15.9654



14.2520, 6.4997, 38.9566



0.9458, 0.4364, 2.3537

Inverse Universe

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



62.9119, 65.6412, 71.6451



92.9023, 96.5722, 105.5093



62.7273, 66.6695, 71.4897



13.7073, 14.2604, 15.5768



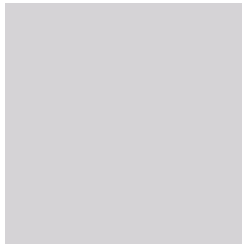
17.5013, 8.9368, 4.6778



1.0935, 0.5542, 0.4818

Previews

White Background



This preview shows how the XYZ color 62.8724, 65.5897, 72.9647 looks on a white background.

Color Contrast Check

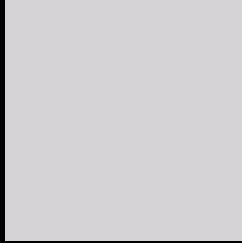
Large Text (above 18pt) WCAG AA × Fail

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 62.8724, 65.5897, 72.9647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

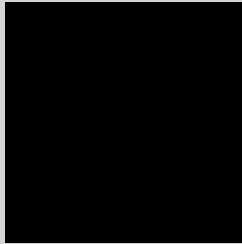
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

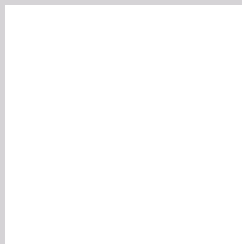
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.8724, 65.5897, 72.9647

Background



This preview shows how black text looks on a background with the XYZ color 62.8724, 65.5897, 72.9647.

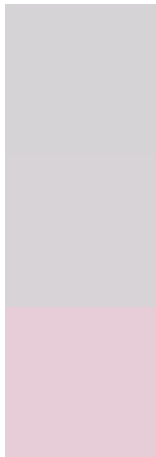


This preview shows how white text looks on a background with the XYZ color 62.8724, 65.5897,

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

62.8724, 65.5897, 72.9647

Protanopia

63.4562, 65.8906, 72.9920

Deuteranopia

66.7302, 65.3919, 73.3948



Tritanopia

64.5523, 65.5390, 81.1995

Trichromacy



Original Color

62.8724, 65.5897, 72.9647

Protanomaly

63.1634, 65.7397, 72.9783

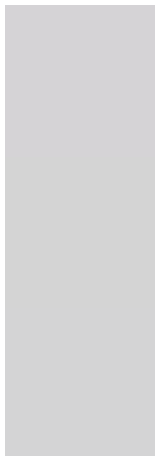
Deuteranomaly

65.3190, 65.3792, 73.4667

Tritanomaly

63.9630, 65.6633, 78.4103

Monochromacy



Original Color

62.8724, 65.5897, 72.9647

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.7051, 65.8881, 72.3636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8724, 65.5897, 72.9647 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, 211, 214) looks like.

```
.text, #text, p{  
    color:rgb(213, 211, 214)  
}
```

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, 211, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 211, 214) }
```

Border

The CSS property to change the border of an element to XYZ 62.8724, 65.5897, 72.9647 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, 211, 214) }
```

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

```
.border{ border-color:rgb(213, 211, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 211, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 211, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 211, 214);  
box-shadow:4px 4px 4px 4px rgb(213, 211,  
214) }
```


Background

The CSS property to change the background color of an element to XYZ 62.8724, 65.5897, 72.9647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 211, 214) }
```

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

```
.background{ background-color: rgb(213,  
211, 214) }
```

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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