

Converting Colors

XYZ(62.5106, 65.7523, 72.1177)

Have a look what the booklet for
XYZ(62.5106, 65.7523, 72.1177)
contains.

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Color

**XYZ(62.7051, 65.8881,
72.3636)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D4D5
RGB	212, 212, 213
RGB Percent	83%, 83%, 84%
CMY	0.1686, 0.1686, 0.1647
CMYK	0.00, 0.00, 0.00, 0.16
HSL	240°, 1%, 83%
HSV	240°, 0%, 84%
XYZ	62.7051, 65.8881, 72.3636
YIQ	212.1140, -0.3210, 0.3110

Conversions

Conversions Part 2

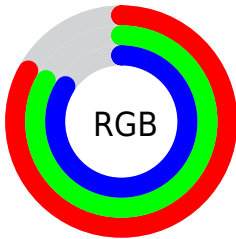
Format	Color
R _Y B	212, 212, 213
Decimal	13948117
CIE Lab	84.94, 0.19, -0.50
CIE LCh	85, 0.535, 290.349
Yxy	65.8881, 0.3120, 0.3279
Android (android.graphics.Color)	4292138197 (0xFFD4D4D5)
YUV	212.1140, 0.4368, -0.1000
Hunter-Lab	81.1715, -4.1586, 3.9636

Details

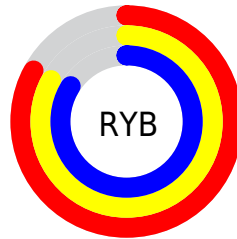
The XYZ color **62.7051, 65.8881, 72.3636** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1186, 66.4874, 71.7949**, and the grayscale version is **62.6540, 65.9169, 71.7835**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.1332, 33.7507, 37.1687** is the 20% darker color. If you saturate the color by 10%, you get **52.0046, 53.0086, 70.4426**, and if you desaturate by 10%, it is **74.9166, 80.5854, 74.5578**.

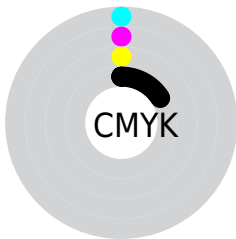
Distribution



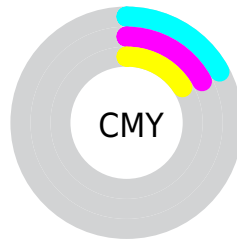
- Red (83%)
- Green (83%)
- Blue (84%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7051, 65.8881, 72.3636 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 62.7051, 65.8881, 72.3636 by changing the saturation by 10% instead.

■ 62.7051, 65.8881,
72.3636

■ 62.7051, 65.8881,
72.3636

424.1751,
445.9766, 487.8177

■ 45.8604, 48.1816,
52.9671

107.8282,
113.3257, 124.2859

■ 32.3399, 33.9707,
37.3890

136.8372,
143.8256, 157.6487

■ 21.7780, 22.8711,
25.2106

170.6319,
179.3587, 196.5041

■ 13.8096, 14.4983,
16.0136

209.5773,
220.3094, 241.2705

■ 8.0692, 8.4681,
9.3793

254.0391,
267.0622, 292.3665

■ 4.1914, 4.3959,
4.8892

304.3824,

■ 1.8110, 1.8974,

320.0014, 350.2107

2.1248

360.9726,
379.5114, 415.2216

■ 0.5243, 0.5468,
0.6305

■ 0.0000, 0.0000,
0.0000

■ 62.7051, 65.8881,
72.3636

■ 62.7051, 65.8881,
72.3636

■ 52.0046, 53.0086,
70.4426

■ 74.9166, 80.5854,
74.5578

■ 42.7512, 41.8684,
68.7800

■ 88.6889, 97.1584,
77.0309

■ 34.8844, 32.3953,
67.3661

■ 89.0104, 97.5842,
77.0961

■ 28.3374, 24.5093,
66.1891

■ 23.0381, 18.1237,
65.2358

■ 18.9071, 13.1434,
64.4922

■ 15.8563, 9.4624,
63.9425

■ 13.7850, 6.9599,
63.5687

■ 12.5733, 5.4925,
63.3493

Harmonies

Analogous

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



62.5859, 65.8881, 72.3957



62.7051, 65.8881, 72.3636



62.8029, 65.8881, 72.1643

Triad

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



62.7051, 65.8881, 72.3636



62.7723, 65.8881, 71.2323



62.3970, 65.8881, 71.6300

Complementary

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



62.7051, 65.8881, 72.3636



63.1186, 66.4874, 71.7949

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.



62.4468, 65.8881, 71.3192



62.7051, 65.8881, 72.3636



62.6634, 65.8881, 71.0901

Square

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



62.7051, 65.8881, 72.3636



62.8417, 65.8881, 71.5109



62.5443, 65.8881, 71.1219



62.4081, 65.8881, 71.9715

Rectangle

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



62.7051, 65.8881, 72.3636



62.8427, 65.8881, 71.9639



62.5443, 65.8881, 71.1219



62.4072, 65.8881, 71.5185

Sweetspot

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



62.7070, 65.8909, 72.3650

95.0500, 100.0000, 108.9000



62.9547, 66.3899, 72.4372



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.



62.7070, 65.8909, 72.3650



93.3129, 97.9092, 108.5880



62.8456, 65.9611, 72.3713



13.7638, 14.4444, 16.0001



7.3431, 2.9481, 38.6352



0.4442, 0.1804, 2.3307

Inverse Universe

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



62.8692, 65.9878, 71.7140



93.8355, 98.2212, 106.4905



62.9795, 66.4170, 71.7887



13.8357, 14.4873, 15.7118



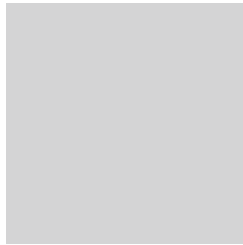
16.7653, 8.6425, 0.8024



1.0119, 0.5215, 0.0519

Previews

White Background



This preview shows how the XYZ color 62.7051, 65.8881, 72.3636 looks on a white background.

Color Contrast Check

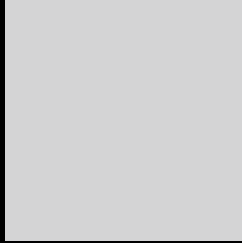
Large Text (above 18pt) WCAG AA × Fail

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 62.7051, 65.8881, 72.3636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

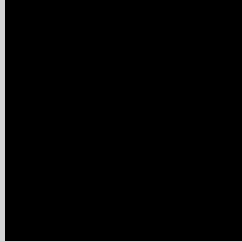
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

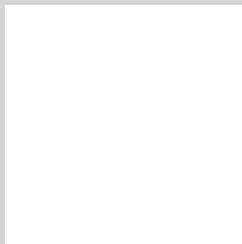
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.7051, 65.8881, 72.3636

Background



This preview shows how black text looks on a background with the XYZ color 62.7051, 65.8881, 72.3636.

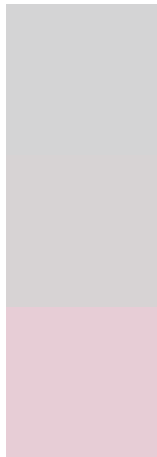


This preview shows how white text looks on a background with the XYZ color 62.7051, 65.8881,

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

62.7051, 65.8881, 72.3636

Protanopia

63.2023, 65.7891, 71.6548

Deuteranopia

66.9239, 65.5066, 72.7351



Tritanopia

64.5056, 65.8803, 81.2679

Trichromacy



Original Color

62.7051, 65.8881, 72.3636

Protanomaly

62.9095, 65.6381, 71.6411

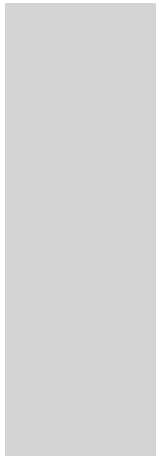
Deuteranomaly

65.4339, 65.8141, 72.8730

Tritanomaly

63.7860, 65.9551, 77.7753

Monochromacy



Original Color

62.7051, 65.8881, 72.3636

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.5785, 65.8375, 71.6970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7051, 65.8881, 72.3636 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(212, 212, 213) looks like.

```
.text, #text, p{  
    color:rgb(212, 212, 213)  
}
```

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(212, 212, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 212, 213) }
```

Border

The CSS property to change the border of an element to XYZ 62.7051, 65.8881, 72.3636 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(212, 212, 213) }
```

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

```
.border{ border-color:rgb(212, 212, 213) }
```

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

Here you see how a box with a 4 pixel rgb(212, 212, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 212, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 212, 213);  
box-shadow:4px 4px 4px 4px rgb(212, 212,  
213) }
```


Background

The CSS property to change the background color of an element to XYZ 62.7051, 65.8881, 72.3636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 212, 213) }
```

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

```
.background{ background-color: rgb(212,  
212, 213) }
```

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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