

Converting Colors

XYZ(63.2805, 67.1599, 72.5354)

Have a look what the booklet for
XYZ(63.2805, 67.1599, 72.5354)
contains.

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Color

**XYZ(63.4621, 67.4020,
72.6159)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D7D5
RGB	212, 215, 213
RGB Percent	83%, 84%, 84%
CMY	0.1686, 0.1568, 0.1647
CMYK	0.01, 0.00, 0.01, 0.16
HSL	140°, 4%, 84%
HSV	140°, 1%, 84%
XYZ	63.4621, 67.4020, 72.6159
YIQ	213.8750, -1.1460, -1.2580

Conversions

Conversions Part 2

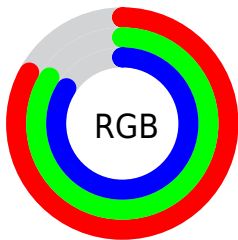
Format	Color
R _Y B	212, 214, 215
Decimal	13948885
CIE Lab	85.71, -1.38, 0.62
CIE LCh	86, 1.509, 155.812
Yxy	67.4020, 0.3119, 0.3312
Android (android.graphics.Color)	4292138965 (0xFFD4D7D5)
YUV	213.8750, -0.4314, -1.6444
Hunter-Lab	82.0987, -5.6927, 5.0274

Details

The XYZ color **63.4621, 67.4020, 72.6159** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7079, 66.3909, 73.0787**, and the grayscale version is **63.8375, 67.1620, 73.1394**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.6470, 34.7783, 37.3400** is the 20% darker color. If you saturate the color by 10%, you get **55.9316, 63.7229, 63.1775**, and if you desaturate by 10%, it is **71.9828, 71.5768, 82.9439**.

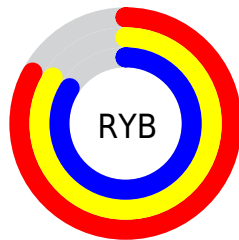
Distribution



Red (83%)

Green (84%)

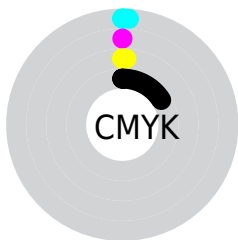
Blue (84%)



Red (83%)

Yellow (84%)

Blue (84%)

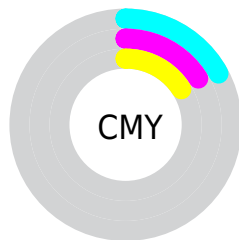


Cyan (1%)

Magenta (0%)

Yellow (1%)

Black (16%)



Cyan (17%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4621, 67.4020, 72.6159 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 63.4621, 67.4020, 72.6159 by changing the saturation by 10% instead.

■ 63.4621, 67.4020,
72.6159

■ 63.4621, 67.4020,
72.6159

426.8777,
451.3744, 488.7175

■ 46.4752, 49.4114,
53.1720

108.9140,
115.4962, 124.6476

■ 32.8272, 34.9459,
37.5515

138.1097,
146.3687, 158.0726

■ 22.1527, 23.6212,
25.3356

172.1057,
182.3038, 196.9950

■ 14.0864, 15.0529,
16.1060

211.2673,
223.6861, 241.8334

■ 8.2629, 8.8565,
9.4440

255.9600,
270.8999, 293.0063

■ 4.3168, 4.6477,
4.9312

306.5490,

■ 1.8829, 2.0421,

324.3296, 350.9322

2.1489

363.3998,
384.3596, 416.0298

■ 0.5669, 0.6318,
0.6446

■ 0.0000, 0.0000,
0.0000

■ 63.4621, 67.4020,
72.6159

■ 63.4621, 67.4020,
72.6159

■ 55.9316, 63.7229,
63.1775

■ 71.9828, 71.5768,
82.9439

■ 49.3491, 60.5125,
54.6010

■ 81.5216, 76.2554,
94.1795

■ 43.6776, 57.7541,
46.8634

■ 83.5917, 77.0834,
105.0806

■ 38.8755, 55.4269,
39.9392

■ 34.8981, 53.5082,
33.8016

■ 31.6963, 51.9733,
28.4223

■ 29.2155, 50.7948,
23.7713

■ 27.3938, 49.9413,
19.8165

■ 26.1577, 49.3757,
16.5232

Harmonies

Analogous

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



63.6773, 67.4020, 71.8638



63.4621, 67.4020, 72.6159



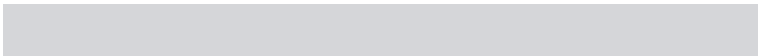
63.4078, 67.4020, 73.5813

Triad

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



63.4621, 67.4020, 72.6159



64.1306, 67.4020, 75.2901



64.6015, 67.4020, 72.2865

Complementary

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



63.4621, 67.4020, 72.6159



63.7079, 66.3909, 73.0787

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.



64.7239, 67.4020, 73.1976



63.4621, 67.4020, 72.6159



64.4514, 67.4020, 74.9362

Square

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



63.4621, 67.4020, 72.6159



63.7930, 67.4020, 75.1309



64.6688, 67.4020, 74.1682



64.3350, 67.4020, 71.6748

Rectangle

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



63.4621, 67.4020, 72.6159



63.4700, 67.4020, 74.2172



64.6688, 67.4020, 74.1682



64.6609, 67.4020, 72.5676

Sweetspot

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



63.4640, 67.4049, 72.6174

95.0500, 100.0000, 108.9000



63.9329, 67.6612, 71.9787



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.



63.4640, 67.4049, 72.6174



92.6555, 98.8283, 105.9541



63.6493, 67.4790, 73.5931



13.6733, 14.5707, 15.6380



15.2702, 29.3634, 8.7184



0.9589, 1.7862, 0.7253

Inverse Universe

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



63.7079, 66.3909, 73.0787



93.1723, 96.6802, 106.9314



63.5232, 66.3170, 72.1057



13.7444, 14.2753, 15.7724



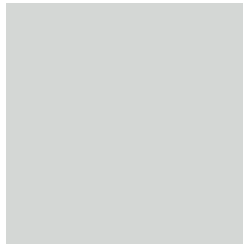
19.7974, 9.8553, 16.7688



1.2317, 0.6095, 1.2098

Previews

White Background



This preview shows how the XYZ color 63.4621, 67.4020, 72.6159 looks on a white background.

Color Contrast Check

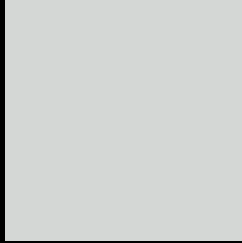
Large Text (above 18pt) WCAG AA × Fail

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 63.4621, 67.4020, 72.6159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

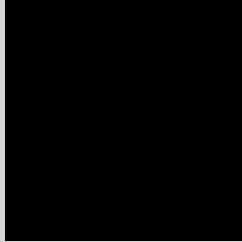
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

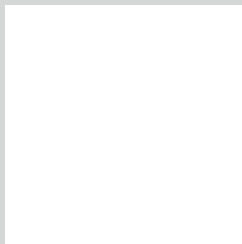
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.4621, 67.4020, 72.6159

Background



This preview shows how black text looks on a background with the XYZ color 63.4621, 67.4020, 72.6159.

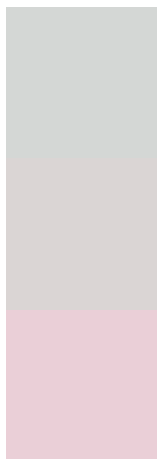


This preview shows how white text looks on a background with the XYZ color 63.4621, 67.4020,

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

63.4621, 67.4020, 72.6159

Protanopia

64.5914, 67.2474, 71.8631

Deuteranopia

68.5102, 67.0244, 73.6161



Tritanopia

65.7107, 67.1912, 83.6346

Trichromacy



Original Color

63.4621, 67.4020, 72.6159

Protanomaly

64.2491, 67.4455, 71.9194

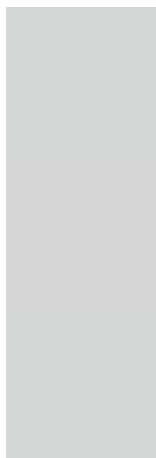
Deuteranomaly

66.5482, 67.1170, 73.0657

Tritanomaly

64.8451, 67.2124, 79.3676

Monochromacy



Original Color

63.4621, 67.4020, 72.6159

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.6247, 67.0943, 73.2154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4621, 67.4020, 72.6159 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, 215, 213) looks like.

```
.text, #text, p{  
    color:rgb(212, 215, 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, 215, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 215, 213) }
```

Border

The CSS property to change the border of an element to XYZ 63.4621, 67.4020, 72.6159 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, 215, 213) }
```

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

```
.border{ border-color:rgb(212, 215, 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, 215, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 215, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 215, 213);  
box-shadow:4px 4px 4px 4px rgb(212, 215,  
213) }
```


Background

The CSS property to change the background color of an element to XYZ 63.4621, 67.4020, 72.6159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 215, 213) }
```

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

```
.background{ background-color: rgb(212,  
215, 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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