

Converting Colors

XYZ(63.2346, 64.8902, 69.7348)

Have a look what the booklet for
XYZ(63.2346, 64.8902, 69.7348)
contains.

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Color

**XYZ(62.9779, 64.6206,
69.4753)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD0D1
RGB	218, 208, 209
RGB Percent	85%, 82%, 82%
CMY	0.1451, 0.1843, 0.1804
CMYK	0.00, 0.05, 0.04, 0.15
HSL	354°, 12%, 84%
HSV	354°, 5%, 85%
XYZ	62.9779, 64.6206, 69.4753
YIQ	211.1040, 5.6390, 2.4310

Conversions

Conversions Part 2

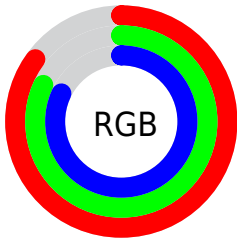
Format	Color
R _Y B	218, 208, 209
Decimal	14340305
CIE Lab	84.29, 3.62, 0.73
CIE LCh	84, 3.697, 11.364
Yxy	64.6206, 0.3196, 0.3279
Android (android.graphics.Color)	4292530385 (0xFFDAD0D1)
YUV	211.1040, -1.0373, 6.0478
Hunter-Lab	80.3869, -0.8341, 5.0288

Details

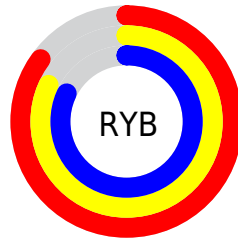
The XYZ color **62.9779, 64.6206, 69.4753** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6106, 68.5641, 75.5305**, and the grayscale version is **61.9911, 65.2195, 71.0240**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.5763, 33.2643, 35.7140** is the 20% darker color. If you saturate the color by 10%, you get **55.7419, 53.8003, 55.8038**, and if you desaturate by 10%, it is **71.2475, 77.0274, 84.9700**.

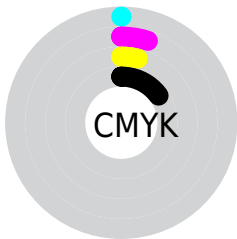
Distribution



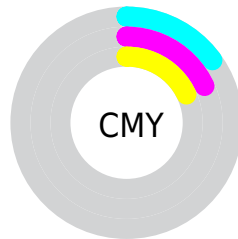
- Red (85%)
- Green (82%)
- Blue (82%)



- Red (85%)
- Yellow (82%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (15%)



- Cyan (15%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9779, 64.6206, 69.4753 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 62.9779, 64.6206, 69.4753 by changing the saturation by 10% instead.

■ 62.9779, 64.6206,
69.4753

■ 62.9779, 64.6206,
69.4753

425.1502,
441.4273, 477.4448

■ 46.0819, 47.1535,
50.6247

108.2196,
111.5042, 120.1343

■ 32.5154, 33.1570,
35.5354

137.2961,
141.6895, 152.7798

■ 21.9129, 22.2468,
23.7887

171.1634,
176.8830, 190.8607

■ 13.9092, 14.0383,
14.9662

210.1869,
217.4691, 234.7955

■ 8.1388, 8.1473,
8.6493

254.7320,
263.8322, 285.0027

■ 4.2364, 4.1894,
4.4195

305.1640,

■ 1.8367, 1.7800,

316.3567, 341.9010

1.8582

361.8483,
375.4269, 405.9089

■ 0.5397, 0.4747,
0.4659

■ 0.0000, 0.0000,
0.0000

■ 62.9779, 64.6206,
69.4753

■ 62.9779, 64.6206,
69.4753

■ 55.7419, 53.8003,
55.8038

■ 71.2475, 77.0274,
84.9700

■ 49.4936, 44.4944,
43.8843

■ 80.5835, 91.0721,
102.3471

■ 44.1916, 36.6379,
33.6471

■ 82.7238, 93.6456,
108.3231

■ 39.7898, 30.1579,
25.0164

■ 36.2378, 24.9749,
17.9104

■ 33.4805, 21.0014,
12.2402

■ 31.4562, 18.1393,
7.9076

■ 30.0940, 16.2749,
4.8019

■ 29.3084, 15.2700,
2.7946

Harmonies

Analogous

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



62.9253, 64.6206, 71.8129



62.9779, 64.6206, 69.4753



62.6103, 64.6206, 67.4203

Triad

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



62.9779, 64.6206, 69.4753



60.3844, 64.6206, 67.0277



60.9177, 64.6206, 74.7246

Complementary

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



62.9779, 64.6206, 69.4753



63.6106, 68.5641, 75.5305

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.



60.2448, 64.6206, 73.3857



62.9779, 64.6206, 69.4753



59.9388, 64.6206, 68.9285

Square

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



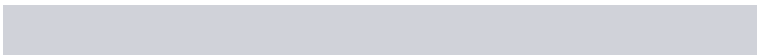
62.9779, 64.6206, 69.4753



61.1100, 64.6206, 66.0283



59.8879, 64.6206, 71.2539



61.7310, 64.6206, 74.8789

Rectangle

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



62.9779, 64.6206, 69.4753



62.1783, 64.6206, 66.4736



59.8879, 64.6206, 71.2539



60.6678, 64.6206, 74.3968

Sweetspot

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



62.9797, 64.6234, 69.4767



93.8744, 98.2368, 106.6955



63.8279, 64.9283, 75.4988



20.1054, 21.0453, 22.8605



0.0000, 0.0000, 0.0000



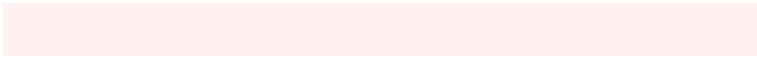
20.3446, 21.4041, 23.3091

Same Dimension

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



62.9797, 64.6234, 69.4767



88.2226, 89.7680, 96.0724



63.8440, 66.5487, 69.1581



13.5709, 13.7644, 14.7050



17.4256, 8.9713, 1.3551



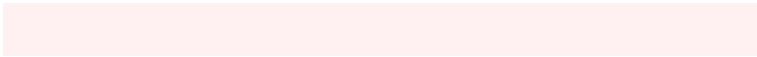
1.1473, 0.5885, 0.1845

Inverse Universe

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



62.9797, 64.6234, 69.4767



88.2226, 89.7680, 96.0724



62.7162, 66.5672, 75.8737



13.5709, 13.7644, 14.7050



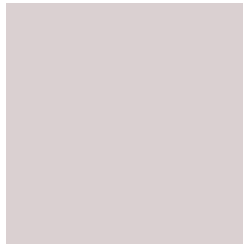
17.4256, 8.9713, 1.3551



1.1473, 0.5885, 0.1845

Previews

White Background



This preview shows how the XYZ color 62.9779, 64.6206, 69.4753 looks on a white background.

Color Contrast Check

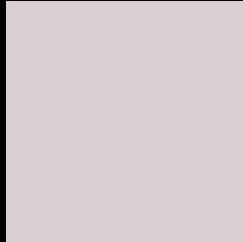
Large Text (above 18pt) WCAG AA × Fail

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 62.9779, 64.6206, 69.4753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

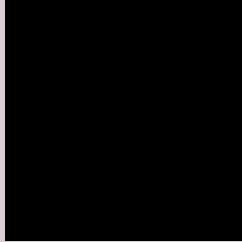
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

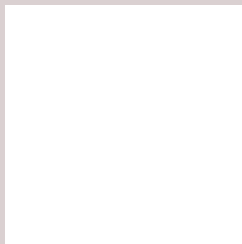
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.9779, 64.6206, 69.4753

Background



This preview shows how black text looks on a background with the XYZ color 62.9779, 64.6206, 69.4753.

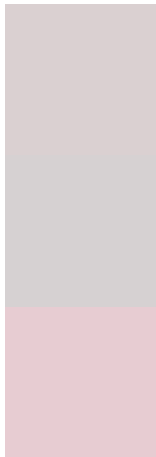


This preview shows how white text looks on a background with the XYZ color 62.9779, 64.6206,

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

62.9779, 64.6206, 69.4753

Protanopia

62.1649, 64.5502, 70.1558

Deuteranopia

66.1807, 64.8278, 69.9977



Tritanopia

64.7713, 64.6322, 78.1687

Trichromacy



Original Color

62.9779, 64.6206, 69.4753

Protanomaly

62.4577, 64.7011, 70.1695

Deuteranomaly

64.8282, 64.4845, 70.0027

Tritanomaly

64.0506, 64.6955, 74.7573

Monochromacy



Original Color

62.9779, 64.6206, 69.4753

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.4110, 65.0425, 70.2378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9779, 64.6206, 69.4753 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(218, 208, 209) looks like.

```
.text, #text, p{  
    color:rgb(218, 208, 209)  
}
```

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(218, 208, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 208, 209) }
```

Border

The CSS property to change the border of an element to XYZ 62.9779, 64.6206, 69.4753 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(218, 208, 209) }
```


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

```
.border{ border-color:rgb(218, 208, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 208, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 208, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 208, 209);  
box-shadow:4px 4px 4px 4px rgb(218, 208,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9779, 64.6206, 69.4753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 208, 209) }
```

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

```
.background{ background-color: rgb(218,  
208, 209) }
```

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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