

Converting Colors

XYZ(62.8959, 64.8090, 75.5241)

Have a look what the booklet for
XYZ(62.8959, 64.8090, 75.5241)
contains.

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Color

**XYZ(62.8959, 64.8090,
75.5241)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D1DA
RGB	213, 209, 218
RGB Percent	84%, 82%, 85%
CMY	0.1647, 0.1804, 0.1451
CMYK	0.02, 0.04, 0.00, 0.15
HSL	267°, 11%, 84%
HSV	267°, 4%, 85%
XYZ	62.8959, 64.8090, 75.5241
YIQ	211.2220, -0.5050, 3.6470

Conversions

Conversions Part 2

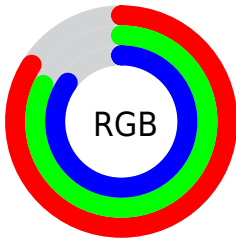
Format	Color
R_{YB}	213, 209, 218
Decimal	14012890
CIE _{Lab}	84.39, 3.02, -3.96
CIE _{LCh}	84, 4.979, 307.274
Yxy	64.8090, 0.3095, 0.3189
Android (android.graphics.Color)	4292202970 (0xFFD5D1DA)
YUV	211.2220, 3.3416, 1.5593
Hunter-Lab	80.5040, -1.4242, 0.7305

Details

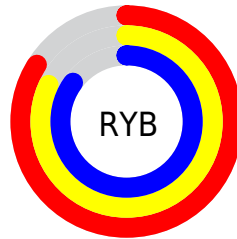
The XYZ color **62.8959, 64.8090, 75.5241** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.3140, 69.0442, 70.2620**, and the grayscale version is **62.0440, 65.2751, 71.0846**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4328, 33.3561, 39.3793** is the 20% darker color. If you saturate the color by 10%, you get **54.5255, 53.0913, 73.7045**, and if you desaturate by 10%, it is **72.2645, 78.1313, 77.6028**.

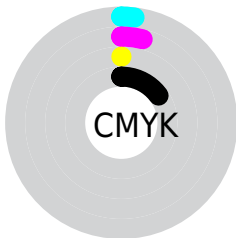
Distribution



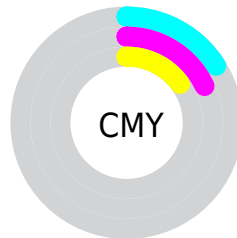
- Red (84%)
- Green (82%)
- Blue (85%)



- Red (84%)
- Yellow (82%)
- Blue (85%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8959, 64.8090, 75.5241 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 62.8959, 64.8090, 75.5241 by changing the saturation by 10% instead.

■ 62.8959, 64.8090,
75.5241

■ 62.8959, 64.8090,
75.5241

424.8573,
442.1053, 499.0204

■ 46.0153, 47.3062,
55.5380

108.1020,
111.7752, 128.8079

■ 32.4626, 33.2778,
39.4312

137.1582,
142.0074, 162.9427

■ 21.8723, 22.3393,
26.7849

171.0036,
177.2516, 202.6308

■ 13.8792, 14.1065,
17.1807

210.0037,
217.8921, 248.2909

■ 8.1178, 8.1947,
10.2001

254.5238,
264.3133, 300.3413

■ 4.2229, 4.2198,
5.4245

304.9291,

■ 1.8290, 1.7973,

316.8997, 359.2007

2.4354

361.5852,
376.0355, 425.2875

■ 0.5350, 0.4855,
0.8056

■ 0.0000, 0.0000,
0.0000

■ 62.8959, 64.8090,
75.5241

■ 62.8959, 64.8090,
75.5241

■ 54.5255, 53.0913,
73.7045

■ 72.2645, 78.1313,
77.6028

■ 47.1124, 42.9079,
72.1296

■ 82.6590, 93.1084,
79.9458

■ 40.6211, 34.1954,
70.7901

■ 87.6067, 96.7861,
80.3949

■ 35.0116, 26.8829,
69.6743

■ 89.6551, 97.8420,
80.4907

■ 30.2406, 20.8933,
68.7696

■ 26.2607, 16.1419,
68.0623

■ 23.0195, 12.5336,
67.5366

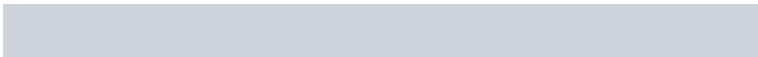
■ 20.4567, 9.9589,
67.1747

■ 18.5005, 8.2854,
66.9548

Harmonies

Analogous

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



61.8687, 64.8090, 76.7813



62.8959, 64.8090, 75.5241



63.5813, 64.8090, 72.9451

Triad

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



62.8959, 64.8090, 75.5241



62.4242, 64.8090, 65.0963



59.5136, 64.8090, 71.3399

Complementary

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



62.8959, 64.8090, 75.5241



64.3140, 69.0442, 70.2620

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.



59.6583, 64.8090, 68.2392



62.8959, 64.8090, 75.5241



61.3302, 64.8090, 64.6955

Square

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



62.8959, 64.8090, 75.5241



63.3067, 64.8090, 66.9414



60.3201, 64.8090, 65.8298



59.9223, 64.8090, 74.3191

Rectangle

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



62.8959, 64.8090, 75.5241



63.7477, 64.8090, 70.8560



60.3201, 64.8090, 65.8298



59.4992, 64.8090, 70.2767

Sweetspot

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



62.8978, 64.8118, 75.5255



93.7224, 98.1160, 108.6063



63.0236, 66.7634, 75.8956



20.0745, 21.0207, 23.2493



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.



62.8978, 64.8118, 75.5255



88.5574, 90.8139, 107.4691



64.1916, 65.4788, 75.5861



13.5959, 13.8966, 16.6179



10.6444, 4.6116, 40.0675



0.7877, 0.3493, 2.6004

Inverse Universe

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



63.8538, 65.3643, 72.8728



90.2180, 91.7737, 102.8568



63.0470, 68.3910, 70.2027



13.8838, 14.0630, 15.8175



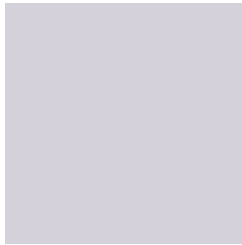
19.4507, 9.7813, 12.0191



1.3032, 0.6509, 1.0058

Previews

White Background



This preview shows how the XYZ color 62.8959, 64.8090, 75.5241 looks on a white background.

Color Contrast Check

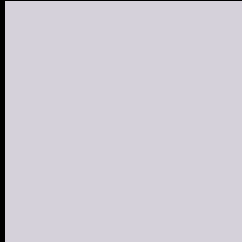
Large Text (above 18pt) WCAG AA × Fail

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 62.8959, 64.8090, 75.5241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

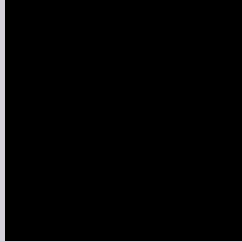
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

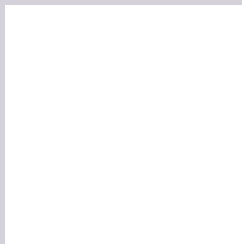
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.8959, 64.8090, 75.5241

Background



This preview shows how black text looks on a background with the XYZ color 62.8959, 64.8090, 75.5241.

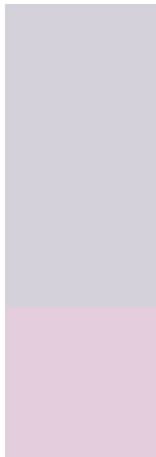


This preview shows how white text looks on a background with the XYZ color 62.8959, 64.8090,

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

62.8959, 64.8090, 75.5241

Protanopia

62.6067, 64.6599, 75.5106

Deuteranopia

66.0576, 64.6311, 76.0113



Tritanopia

63.7420, 64.7897, 79.6671

Trichromacy



Original Color

62.8959, 64.8090, 75.5241

Protanomaly

62.6067, 64.6599, 75.5106

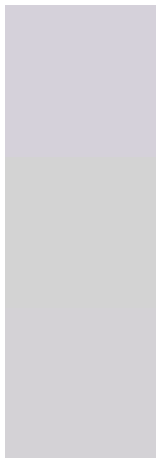
Deuteranomaly

64.9817, 64.7867, 76.0980

Tritanomaly

63.4722, 64.6818, 78.2467

Monochromacy



Original Color

62.8959, 64.8090, 75.5241

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.3356, 64.9453, 72.8686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8959, 64.8090, 75.5241 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, 209, 218) looks like.

```
.text, #text, p{  
    color:rgb(213, 209, 218)  
}
```

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, 209, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 209, 218) }
```

Border

The CSS property to change the border of an element to XYZ 62.8959, 64.8090, 75.5241 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, 209, 218) }
```


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

```
.border{ border-color:rgb(213, 209, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 209, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 209, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 209, 218);  
box-shadow:4px 4px 4px 4px rgb(213, 209,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8959, 64.8090, 75.5241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 209, 218) }
```

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

```
.background{ background-color: rgb(213,  
209, 218) }
```

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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