

Converting Colors

XYZ(64.2239, 65.8577, 73.8904)

Have a look what the booklet for
XYZ(64.2239, 65.8577, 73.8904)
contains.

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Color

**XYZ(64.2258, 65.9049,
73.6258)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD2D7
RGB	218, 210, 215
RGB Percent	85%, 82%, 84%
CMY	0.1451, 0.1765, 0.1569
CMYK	0.00, 0.04, 0.01, 0.15
HSL	323°, 10%, 84%
HSV	323°, 4%, 85%
XYZ	64.2258, 65.9049, 73.6258
YIQ	212.9620, 3.1630, 3.2510

Conversions

Conversions Part 2

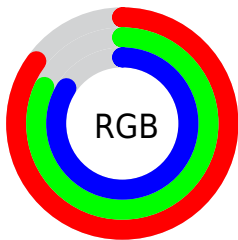
Format	Color
R_{YB}	218, 210, 215
Decimal	14340823
CIE _{Lab}	84.95, 3.64, -1.50
CIE _{LCh}	85, 3.935, 337.654
Yxy	65.9049, 0.3152, 0.3234
Android (android.graphics.Color)	4292530903 (0xFFDAD2D7)
YUV	212.9620, 1.0047, 4.4183
Hunter-Lab	81.1818, -0.8506, 3.0557

Details

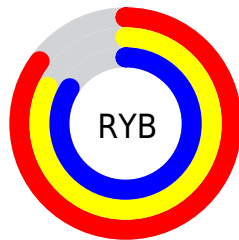
The XYZ color **64.2258, 65.9049, 73.6258** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6625, 68.6503, 72.8497**, and the grayscale version is **63.2141, 66.5061, 72.4252**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.3379, 34.1015, 38.0829** is the 20% darker color. If you saturate the color by 10%, you get **58.1817, 55.4560, 66.5553**, and if you desaturate by 10%, it is **71.0594, 77.8468, 81.2204**.

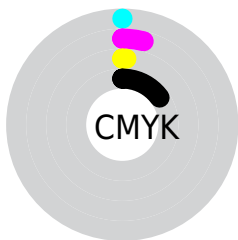
Distribution



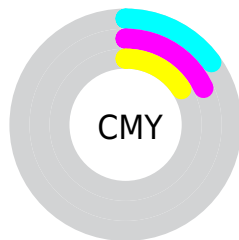
- Red (85%)
- Green (82%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2258, 65.9049, 73.6258 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 64.2258, 65.9049, 73.6258 by changing the saturation by 10% instead.

■ 64.2258, 65.9049,
73.6258

■ 64.2258, 65.9049,
73.6258

429.5939,
446.0367, 492.3097

■ 47.0959, 48.1952,
53.9929

110.0080,
113.3498, 126.0943

■ 33.3198, 33.9815,
38.2028

139.3910,
143.8539, 159.7671

■ 22.5319, 22.8794,
25.8371

173.5892,
179.3914, 198.9568

■ 14.3671, 14.5045,
16.4771

212.9678,
220.3470, 244.0821

■ 8.4598, 8.4724,
9.7044

257.8922,
267.1049, 295.5615

■ 4.4448, 4.3987,
5.1004

308.7278,

■ 1.9567, 1.8990,

320.0496, 353.8135

2.2465

365.8399,
379.5654, 419.2568

■ 0.6095, 0.5478,
0.7010

■ 0.0000, 0.0000,
0.0000

■ 64.2258, 65.9049,
73.6258

■ 64.2258, 65.9049,
73.6258

■ 58.1817, 55.4560,
66.5553

■ 71.0594, 77.8468,
81.2204

■ 52.8912, 46.4325,
59.9906

■ 78.7053, 91.3290,
89.3478

■ 48.3241, 38.7739,
53.9188

■ 80.3336, 92.6895,
95.7360

■ 44.4456, 32.4123,
48.3243

■ 81.5734, 93.1855,
102.2646

■ 41.2183, 27.2740,
43.1906

■ 82.7239, 93.6457,
108.3231

■ 38.6009, 23.2776,
38.4999

■ 36.5470, 20.3320,
34.2324

■ 35.0032, 18.3317,
30.3660

■ 33.9051, 17.1492,
26.8748

Harmonies

Analogous

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



63.6847, 65.9049, 75.6823



64.2258, 65.9049, 73.6258



64.3402, 65.9049, 71.1128

Triad

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



64.2258, 65.9049, 73.6258



62.4145, 65.9049, 67.0423



61.3046, 65.9049, 74.7741

Complementary

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



64.2258, 65.9049, 73.6258



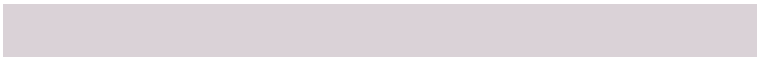
63.6625, 68.6503, 72.8497

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.



60.9712, 65.9049, 72.4095



64.2258, 65.9049, 73.6258



61.6081, 65.9049, 67.9741

Square

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



64.2258, 65.9049, 73.6258



63.2890, 65.9049, 67.3507



61.0818, 65.9049, 69.9245



61.9967, 65.9049, 76.3561

Rectangle

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



64.2258, 65.9049, 73.6258



64.1582, 65.9049, 69.5236



61.0818, 65.9049, 69.9245



61.1472, 65.9049, 74.0422

Sweetspot

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



64.2277, 65.9077, 73.6272



94.0882, 98.3223, 107.8214



63.1253, 65.2945, 75.6067



20.1489, 21.0627, 23.0896



0.0000, 0.0000, 0.0000



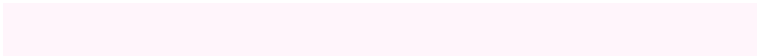
20.3446, 21.4041, 23.3091

Same Dimension

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



64.2277, 65.9077, 73.6272



91.2718, 93.4198, 104.6312



63.7286, 65.7081, 70.9990



14.0393, 14.3010, 16.0945



20.0473, 10.0199, 15.1608



1.3400, 0.6657, 1.1996

Inverse Universe

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



64.2277, 65.9077, 73.6272



91.2718, 93.4198, 104.6312



64.1676, 68.8524, 75.5094



14.0393, 14.3010, 16.0945



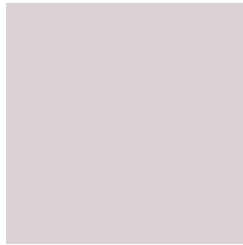
20.0473, 10.0199, 15.1608



1.3400, 0.6657, 1.1996

Previews

White Background



This preview shows how the XYZ color 64.2258, 65.9049, 73.6258 looks on a white background.

Color Contrast Check

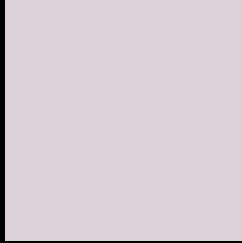
Large Text (above 18pt) WCAG AA × Fail

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 64.2258, 65.9049, 73.6258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

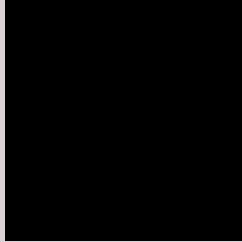
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

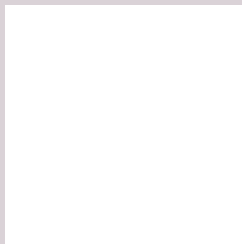
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.2258, 65.9049, 73.6258

Background



This preview shows how black text looks on a background with the XYZ color 64.2258, 65.9049, 73.6258.

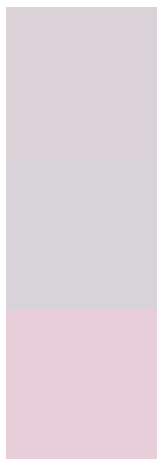


This preview shows how white text looks on a background with the XYZ color 64.2258, 65.9049,

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

64.2258, 65.9049, 73.6258

Protanopia

63.7133, 65.9935, 74.3457

Deuteranopia

67.4210, 66.0894, 74.1688



Tritanopia

65.3599, 65.6081, 80.4529

Trichromacy



Original Color

64.2258, 65.9049, 73.6258

Protanomaly

64.0078, 66.1453, 74.3595

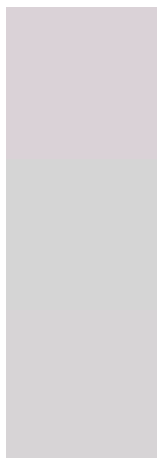
Deuteranomaly

66.0715, 65.7523, 74.1749

Tritanomaly

65.0650, 65.8815, 77.6937

Monochromacy



Original Color

64.2258, 65.9049, 73.6258

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.7054, 66.3891, 73.0751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2258, 65.9049, 73.6258 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, 210, 215) looks like.

```
.text, #text, p{  
    color:rgb(218, 210, 215)  
}
```

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, 210, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 210, 215) }
```

Border

The CSS property to change the border of an element to XYZ 64.2258, 65.9049, 73.6258 is called "border". The border property can be set on classes, ids or directly on the HTML element.

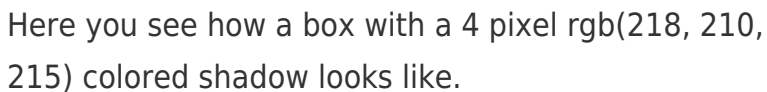
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 210, 215) }
```


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

```
.border{ border-color:rgb(218, 210, 215) }
```

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



Here you see how a box with a 4 pixel rgb(218, 210, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 210, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 210, 215);  
box-shadow:4px 4px 4px 4px rgb(218, 210,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2258, 65.9049, 73.6258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 210, 215) }
```

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

```
.background{ background-color: rgb(218,  
210, 215) }
```

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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