

Converting Colors

XYZ(65.1841, 64.8019, 76.7482)

Have a look what the booklet for
XYZ(65.1841, 64.8019, 76.7482)
contains.

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Color

**XYZ(65.1138, 64.8395,
76.7936)**

Conversions

Conversions Part 1

Format	Color
Hex	DECEDC
RGB	222, 206, 220
RGB Percent	87%, 81%, 86%
CMY	0.1294, 0.1921, 0.1372
CMYK	0.00, 0.07, 0.01, 0.13
HSL	308°, 20%, 84%
HSV	308°, 7%, 87%
XYZ	65.1138, 64.8395, 76.7936
YIQ	212.3800, 5.0420, 7.7460

Conversions

Conversions Part 2

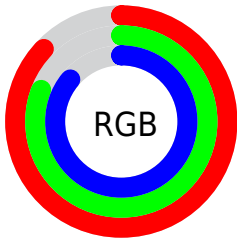
Format	Color
R _Y B	222, 206, 220
Decimal	14601948
CIE Lab	84.40, 8.01, -4.92
CIE LCh	84, 9.401, 328.433
Yxy	64.8395, 0.3149, 0.3136
Android (android.graphics.Color)	4292792028 (0xFFDECEDC)
YUV	212.3800, 3.7567, 8.4367
Hunter-Lab	80.5230, 3.4264, -0.1779

Details

The XYZ color **65.1138, 64.8395, 76.7936** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.9625, 69.9202, 69.8553**, and the grayscale version is **62.8071, 66.0780, 71.9589**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9561, 33.3886, 40.2523** is the 20% darker color. If you saturate the color by 10%, you get **59.7784, 54.7514, 73.2171**, and if you desaturate by 10%, it is **71.2138, 76.4454, 80.6567**.

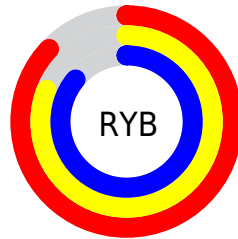
Distribution



Red (87%)

Green (81%)

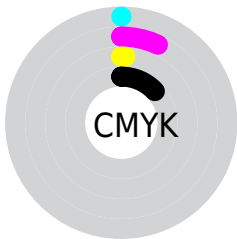
Blue (86%)



Red (87%)

Yellow (81%)

Blue (86%)

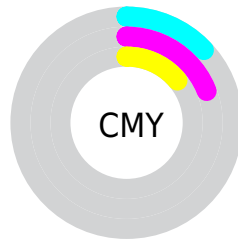


Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (13%)



Cyan (13%)

Magenta (19%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1138, 64.8395, 76.7936 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 65.1138, 64.8395, 76.7936 by changing the saturation by 10% instead.

65.1138, 64.8395,
76.7936

65.1138, 64.8395,
76.7936

432.7396,
442.2150, 503.4790

47.8184, 47.3309,
56.5729

111.2782,
111.8191, 130.6184

33.8938, 33.2974,
40.2554

140.8780,
142.0589, 165.0597

22.9745, 22.3543,
27.4224

175.3099,
177.3112, 205.0782

14.6953, 14.1175,
17.6555

214.9394,
217.9605, 251.0926

8.6907, 8.2024,
10.5361

260.1317,
264.3912, 303.5213

4.5955, 4.2248,
5.6456

311.2523,

2.0442, 1.8001,

316.9875, 362.7829

2.5655

368.6665,
376.1340, 429.2959

■ 0.6586, 0.4872,
0.8746

■ 0.0000, 0.0000,
0.0000

■ 65.1138, 64.8395,
76.7936

■ 65.1138, 64.8395,
76.7936

■ 59.7784, 54.7514,
73.2171

■ 71.2138, 76.4454,
80.6567

■ 55.1707, 46.1095,
69.9122

■ 78.1026, 89.6198,
84.8122

■ 51.2586, 38.8495,
66.8692

■ 79.9340, 92.6695,
87.3123

■ 48.0059, 32.8985,
64.0756

■ 80.3232, 92.8253,
89.3623

45.3728, 28.1772,
61.5180

80.7187, 92.9835,
91.4450

43.3153, 24.5976,
59.1818

81.1205, 93.1442,
93.5606

41.7835, 22.0599,
57.0500

81.5285, 93.3074,
95.7093

40.7190, 20.4474,
55.1031

81.9429, 93.4731,
97.8911

40.0446, 19.6055,
53.3151

82.3635, 93.6414,
100.1064

Harmonies

Analogous

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



63.5602, 64.8395, 81.2051



65.1138, 64.8395, 76.7936



65.7307, 64.8395, 70.9142

Triad

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



65.1138, 64.8395, 76.7936



61.7379, 64.8395, 59.7138



58.1631, 64.8395, 76.2188

Complementary

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



65.1138, 64.8395, 76.7936



62.9625, 69.9202, 69.8553

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.



57.6997, 64.8395, 70.2851



65.1138, 64.8395, 76.7936



59.7354, 64.8395, 60.9595

Square

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



65.1138, 64.8395, 76.7936



63.7546, 64.8395, 61.2451



58.2689, 64.8395, 64.7472



59.5493, 64.8395, 80.8602

Rectangle

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



65.1138, 64.8395, 76.7936



65.5174, 64.8395, 67.0242



58.2689, 64.8395, 64.7472



57.8957, 64.8395, 74.2991

Sweetspot

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



65.1157, 64.8423, 76.7950



93.3420, 96.7481, 107.8250



61.2338, 62.8103, 78.0046



19.9969, 20.7421, 23.0903



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.



65.1157, 64.8423, 76.7950



87.7021, 86.0379, 104.1885



64.0982, 64.4353, 71.4370



14.2174, 13.9046, 16.9149



23.7218, 11.5557, 31.5304



1.6652, 0.8094, 2.2959

Inverse Universe

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



65.1157, 64.8423, 76.7950



87.7021, 86.0379, 104.1885



63.9545, 70.3170, 75.0792



14.2174, 13.9046, 16.9149



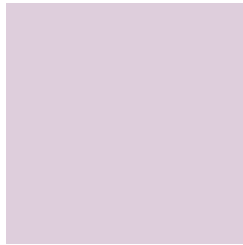
23.7218, 11.5557, 31.5304



1.6652, 0.8094, 2.2959

Previews

White Background



This preview shows how the XYZ color 65.1138, 64.8395, 76.7936 looks on a white background.

Color Contrast Check

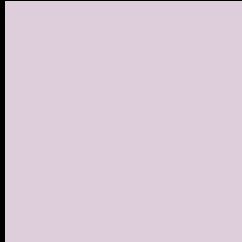
Large Text (above 18pt) WCAG AA × Fail

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 65.1138, 64.8395, 76.7936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

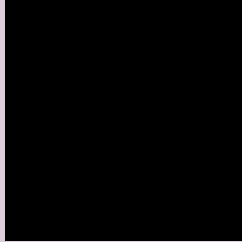
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1138, 64.8395, 76.7936

Background



This preview shows how black text looks on a background with the XYZ color 65.1138, 64.8395, 76.7936.

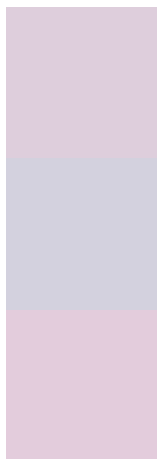


This preview shows how white text looks on a background with the XYZ color 65.1138, 64.8395,

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

65.1138, 64.8395, 76.7936

Protanopia

62.8492, 64.7237, 78.2877

Deuteranopia

66.1897, 64.6839, 76.7068



Tritanopia

65.3803, 64.9461, 78.1972

Trichromacy



Original Color

65.1138, 64.8395, 76.7936

Protanomaly

63.6314, 64.7793, 77.5565

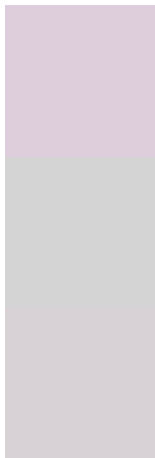
Deuteranomaly

65.8009, 64.8375, 76.7570

Tritanomaly

65.2467, 64.8927, 77.4933

Monochromacy



Original Color

65.1138, 64.8395, 76.7936

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.6312, 65.5984, 73.5980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1138, 64.8395, 76.7936 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(222, 206, 220)` looks like.

```
.text, #text, p{  
    color:rgb(222, 206, 220)  
}
```

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(222, 206, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 206, 220) }
```

Border

The CSS property to change the border of an element to XYZ 65.1138, 64.8395, 76.7936 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(222, 206, 220) }
```


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

```
.border{ border-color:rgb(222, 206, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 206, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 206, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 206, 220);  
box-shadow:4px 4px 4px 4px rgb(222, 206,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1138, 64.8395, 76.7936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 206, 220) }
```

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

```
.background{ background-color: rgb(222,  
206, 220) }
```

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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