

Converting Colors

XYZ(65.7554, 64.3503, 76.0210)

Have a look what the booklet for
XYZ(65.7554, 64.3503, 76.0210)
contains.

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Color

**XYZ(65.7431, 64.4690,
75.9966)**

Conversions

Conversions Part 1

Format	Color
Hex	E2CCDB
RGB	226, 204, 219
RGB Percent	89%, 80%, 86%
CMY	0.1137, 0.2000, 0.1412
CMYK	0.00, 0.10, 0.03, 0.11
HSL	319°, 27%, 84%
HSV	319°, 10%, 89%
XYZ	65.7431, 64.4690, 75.9966
YIQ	212.2880, 8.2970, 9.3290

Conversions

Conversions Part 2

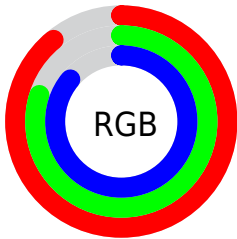
Format	Color
R _Y B	226, 204, 219
Decimal	14863579
CIE Lab	84.21, 10.25, -4.63
CIE LCh	84, 11.250, 335.676
Yxy	64.4690, 0.3188, 0.3126
Android (android.graphics.Color)	4293053659 (0xFFE2CCDB)
YUV	212.2880, 3.3090, 12.0254
Hunter-Lab	80.2926, 5.6427, 0.0871

Details

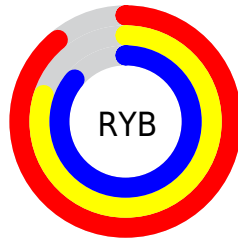
The XYZ color **65.7431, 64.4690, 75.9966** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8586, 71.9350, 72.1506**, and the grayscale version is **62.7473, 66.0150, 71.8903**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4018, 33.1510, 39.7076** is the 20% darker color. If you saturate the color by 10%, you get **59.8305, 54.1256, 69.4552**, and if you desaturate by 10%, it is **72.4798, 76.3932, 83.0161**.

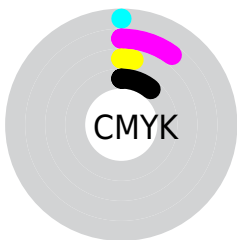
Distribution



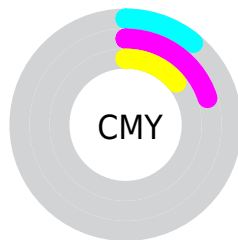
- Red (89%)
- Green (80%)
- Blue (86%)



- Red (89%)
- Yellow (80%)
- Blue (86%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (11%)



- Cyan (11%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7431, 64.4690, 75.9966 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 65.7431, 64.4690, 75.9966 by changing the saturation by 10% instead.

65.7431, 64.4690,
75.9966

65.7431, 64.4690,
75.9966

434.9607,
440.8813, 500.6826

48.3308, 47.0306,
55.9231

112.1773,
111.2861, 129.4821

34.3013, 33.0599,
39.7377

141.9299,
141.4336, 163.7312

23.2891, 22.1723,
27.0218

176.5268,
176.5863, 203.5426

14.9290, 13.9836,
17.3570

216.3331,
217.1286, 249.3348

8.8556, 8.1092,
10.3247

261.7143,
263.4448, 301.5264

4.7035, 4.1649,
5.5064

313.0357,

2.1073, 1.7662,

315.9195, 360.5358

2.4834

370.6627,
374.9368, 426.7817

■ 0.6932, 0.4660,
0.8314

■ 0.0000, 0.0000,
0.0000

■ 65.7431, 64.4690,
75.9966

■ 65.7431, 64.4690,
75.9966

■ 59.8305, 54.1256,
69.4552

■ 72.4798, 76.3932,
83.0161

■ 54.7024, 45.2876,
63.3738

■ 80.0669, 89.9528,
90.5227

■ 50.3243, 37.8858,
57.7393

■ 82.9386, 94.0146,
96.6642

■ 46.6570, 31.8425,
52.5358

■ 84.0321, 94.4520,
102.4221

■ 43.6574, 27.0725,
47.7465

■ 85.1684, 94.9065,
108.4058

■ 41.2776, 23.4809,
43.3524

■ 85.1744, 94.9090,
108.4378

■ 39.4630, 20.9594,
39.3328

■ 38.1490, 19.3795,
35.6632

■ 37.2264, 18.5242,
32.3043

Harmonies

Analogous

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



64.1108, 64.4690, 81.9341



65.7431, 64.4690, 75.9966



66.1648, 64.4690, 68.8483

Triad

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



65.7431, 64.4690, 75.9966



60.8035, 64.4690, 57.4159



57.4682, 64.4690, 78.5003

Complementary

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



65.7431, 64.4690, 75.9966



63.8586, 71.9350, 72.1506

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.



56.6338, 64.4690, 71.5607



65.7431, 64.4690, 75.9966



58.5257, 64.4690, 59.6358

Square

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



65.7431, 64.4690, 75.9966



63.2692, 64.4690, 58.4275



57.0157, 64.4690, 64.6979



59.3248, 64.4690, 83.4468

Rectangle

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



65.7431, 64.4690, 75.9966



65.6931, 64.4690, 64.4206



57.0157, 64.4690, 64.6979



57.0612, 64.4690, 76.3062

Sweetspot

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



65.7450, 64.4718, 75.9980



92.2684, 95.0600, 106.0514



62.1774, 62.5239, 80.7437



19.5938, 20.0712, 22.5385



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.



65.7450, 64.4718, 75.9980



84.5248, 81.3952, 97.8520



64.3484, 63.9132, 68.6440



14.0997, 13.8575, 16.2953



21.2807, 10.5793, 18.6759



1.5152, 0.7494, 1.5059

Inverse Universe

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



65.7450, 64.4718, 75.9980



84.5248, 81.3952, 97.8520



65.2807, 72.5038, 79.6392



14.0997, 13.8575, 16.2953



21.2807, 10.5793, 18.6759



1.5152, 0.7494, 1.5059

Previews

White Background



This preview shows how the XYZ color 65.7431, 64.4690, 75.9966 looks on a white background.

Color Contrast Check

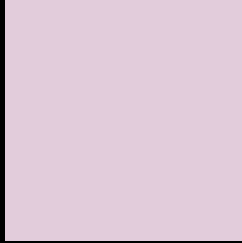
Large Text (above 18pt) WCAG AA × Fail

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 65.7431, 64.4690, 75.9966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

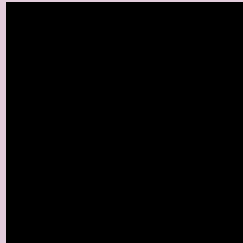
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7431, 64.4690, 75.9966

Background



This preview shows how black text looks on a background with the XYZ color 65.7431, 64.4690, 75.9966.



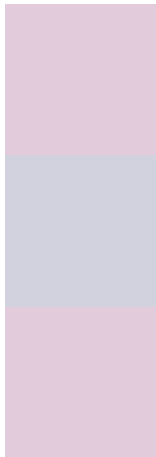
This preview shows how white text looks on a background with the XYZ color 65.7431, 64.4690,

75.9966.

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

65.7431, 64.4690, 75.9966

Protanopia

62.5636, 64.5765, 78.2743

Deuteranopia

65.7431, 64.4690, 75.9966



Tritanopia

65.8752, 64.5218, 76.6921

Trichromacy



Original Color

65.7431, 64.4690, 75.9966

Protanomaly

63.6829, 64.4450, 77.4893

Deuteranomaly

65.7431, 64.4690, 75.9966

Tritanomaly

65.8752, 64.5218, 76.6921

Monochromacy



Original Color

65.7431, 64.4690, 75.9966

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.6815, 65.2589, 73.5298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7431, 64.4690, 75.9966 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(226, 204, 219)` looks like.

```
.text, #text, p{  
    color:rgb(226, 204, 219)  
}
```

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(226, 204, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 204, 219) }
```

Border

The CSS property to change the border of an element to XYZ 65.7431, 64.4690, 75.9966 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(226, 204, 219) }
```


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

```
.border{ border-color:rgb(226, 204, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 204, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 204, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 204, 219);  
box-shadow:4px 4px 4px 4px rgb(226, 204,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7431, 64.4690, 75.9966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 204, 219) }
```

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

```
.background{ background-color: rgb(226,  
204, 219) }
```

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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