

Converting Colors

XYZ(66.1996, 64.1876, 76.6117)

Have a look what the booklet for
XYZ(66.1996, 64.1876, 76.6117)
contains.

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Color

**XYZ(66.2691, 64.3732,
76.6426)**

Conversions

Conversions Part 1

Format	Color
Hex	E4CBDC
RGB	228, 203, 220
RGB Percent	89%, 80%, 86%
CMY	0.1059, 0.2039, 0.1372
CMYK	0.00, 0.11, 0.04, 0.11
HSL	319°, 32%, 85%
HSV	319°, 11%, 89%
XYZ	66.2691, 64.3732, 76.6426
YIQ	212.4130, 9.4430, 10.5870

Conversions

Conversions Part 2

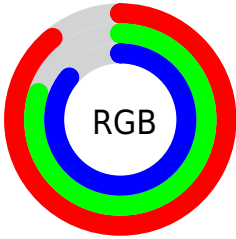
Format	Color
R _Y B	228, 203, 220
Decimal	14994396
CIE Lab	84.16, 11.64, -5.22
CIE LCh	84, 12.759, 335.846
Yxy	64.3732, 0.3197, 0.3106
Android (android.graphics.Color)	4293184476 (0xFFE4CBDC)
YUV	212.4130, 3.7404, 13.6698
Hunter-Lab	80.2329, 7.0261, -0.4738

Details

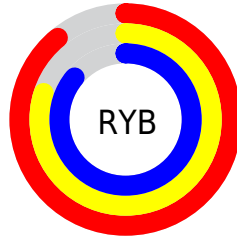
The XYZ color **66.2691, 64.3732, 76.6426** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1324, 72.8882, 72.3203**, and the grayscale version is **62.8271, 66.0991, 71.9819**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5522, 32.9822, 40.1424** is the 20% darker color. If you saturate the color by 10%, you get **60.3307, 54.0087, 69.9990**, and if you desaturate by 10%, it is **73.0452, 76.3438, 83.7752**.

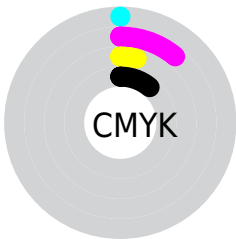
Distribution



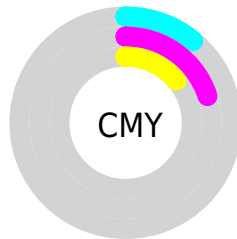
- Red (89%)
- Green (80%)
- Blue (86%)



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



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2691, 64.3732, 76.6426 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 66.2691, 64.3732, 76.6426 by changing the saturation by 10% instead.

66.2691, 64.3732,
76.6426

66.2691, 64.3732,
76.6426

436.8121,
440.5361, 502.9499

48.7594, 46.9530,
56.4498

112.9281,
111.1482, 130.4033

34.6424, 32.9985,
40.1572

142.8080,
141.2719, 164.8082

23.5528, 22.1253,
27.3464

177.5421,
176.3988, 204.7875

15.1251, 13.9490,
17.5988

217.4957,
216.9133, 250.7599

8.9941, 8.0852,
10.4959

263.0342,
263.1999, 303.1437

4.7944, 4.1495,
5.6191

314.5228,

2.1607, 1.7575,

315.6430, 362.3577

2.5499

372.3270,
374.6269, 428.8202

■ 0.7219, 0.4605,
0.8664

■ 0.0000, 0.0000,
0.0000

■ 66.2691, 64.3732,
76.6426

■ 66.2691, 64.3732,
76.6426

■ 60.3307, 54.0087,
69.9990

■ 73.0452, 76.3438,
83.7752

■ 55.1896, 45.1729,
63.8258

■ 80.6863, 89.9769,
91.4060

■ 50.8100, 37.7944,
58.1094

■ 83.7662, 94.4186,
97.7298

■ 47.1513, 31.7929,
52.8335

■ 84.8839, 94.8656,
103.6152

■ 44.1691, 27.0801,
47.9804

■ 85.8053, 95.2342,
108.4674

■ 41.8136, 23.5578,
43.5307

■ 40.0279, 21.1131,
39.4626

■ 38.7444, 19.6114,
35.7505

■ 37.9141, 18.8617,
32.6655

Harmonies

Analogous

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



64.4168, 64.3732, 83.4537



66.2691, 64.3732, 76.6426



66.7414, 64.3732, 68.5210

Triad

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



66.2691, 64.3732, 76.6426



60.6339, 64.3732, 55.7448



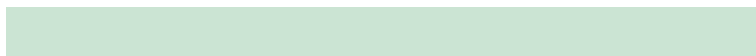
56.8922, 64.3732, 79.5885

Complementary

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



66.2691, 64.3732, 76.6426



64.1324, 72.8882, 72.3203

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.



55.9455, 64.3732, 71.6858



66.2691, 64.3732, 76.6426



58.0628, 64.3732, 58.2376

Square

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



66.2691, 64.3732, 76.6426



63.4314, 64.3732, 56.8502



56.3674, 64.3732, 63.9247



58.9918, 64.3732, 85.2439

Rectangle

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



66.2691, 64.3732, 76.6426



66.1977, 64.3732, 63.5345



56.3674, 64.3732, 63.9247



56.4315, 64.3732, 77.0847

Sweetspot

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



66.2710, 64.3760, 76.6440



92.2662, 95.0591, 106.0397



62.2023, 62.1531, 82.1180



19.5932, 20.0710, 22.5354



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.



66.2710, 64.3760, 76.6440



83.7099, 79.9783, 96.9243



64.6871, 63.7424, 68.3032



14.7886, 14.5326, 17.0869



21.9490, 10.9138, 19.1583



1.6638, 0.8232, 1.6363

Inverse Universe

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



66.2710, 64.3760, 76.6440



83.7099, 79.9783, 96.9243



65.7496, 73.5351, 80.8367



14.7886, 14.5326, 17.0869



21.9490, 10.9138, 19.1583



1.6638, 0.8232, 1.6363

Previews

White Background



This preview shows how the XYZ color 66.2691, 64.3732, 76.6426 looks on a white background.

Color Contrast Check

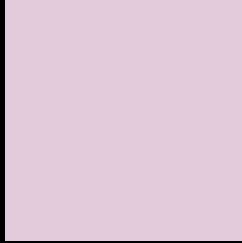
Large Text (above 18pt) WCAG AA × Fail

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 66.2691, 64.3732, 76.6426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

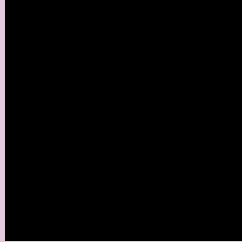
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.2691, 64.3732, 76.6426

Background



This preview shows how black text looks on a background with the XYZ color 66.2691, 64.3732, 76.6426.

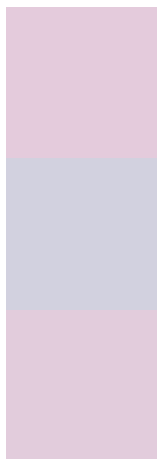


This preview shows how white text looks on a background with the XYZ color 66.2691, 64.3732,

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

66.2691, 64.3732, 76.6426

Protanopia

62.6981, 64.6303, 78.9824

Deuteranopia

65.8752, 64.5218, 76.6921



Tritanopia

66.1370, 64.3203, 75.9471

Trichromacy



Original Color

66.2691, 64.3732, 76.6426

Protanomaly

64.1129, 64.6513, 78.2071

Deuteranomaly

66.1897, 64.6839, 76.7068

Tritanomaly

66.1370, 64.3203, 75.9471

Monochromacy



Original Color

66.2691, 64.3732, 76.6426

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.9796, 65.4127, 73.5438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2691, 64.3732, 76.6426 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(228, 203, 220)` looks like.

```
.text, #text, p{  
    color:rgb(228, 203, 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(228, 203, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 203, 220) }
```

Border

The CSS property to change the border of an element to XYZ 66.2691, 64.3732, 76.6426 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(228, 203, 220) }
```


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

```
.border{ border-color:rgb(228, 203, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 203, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 203, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 203, 220);  
box-shadow:4px 4px 4px 4px rgb(228, 203,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2691, 64.3732, 76.6426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 203, 220) }
```

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

```
.background{ background-color: rgb(228,  
203, 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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