

Converting Colors

XYZ(65.4858, 66.0040, 75.5284)

Have a look what the booklet for
XYZ(65.4858, 66.0040, 75.5284)
contains.

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Color

**XYZ(65.5796, 66.1925,
75.6497)**

Conversions

Conversions Part 1

Format	Color
Hex	DED1DA
RGB	222, 209, 218
RGB Percent	87%, 82%, 85%
CMY	0.1294, 0.1804, 0.1451
CMYK	0.00, 0.06, 0.02, 0.13
HSL	318°, 16%, 85%
HSV	318°, 6%, 87%
XYZ	65.5796, 66.1925, 75.6497
YIQ	213.9130, 4.8590, 5.5550

Conversions

Conversions Part 2

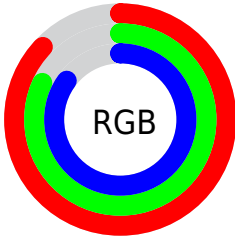
Format	Color
R _Y B	222, 209, 218
Decimal	14602714
CIE Lab	85.09, 6.07, -2.84
CIE LCh	85, 6.700, 334.944
Yxy	66.1925, 0.3162, 0.3191
Android (android.graphics.Color)	4292792794 (0xFFDED1DA)
YUV	213.9130, 2.0149, 7.0923
Hunter-Lab	81.3588, 1.5029, 1.8216

Details

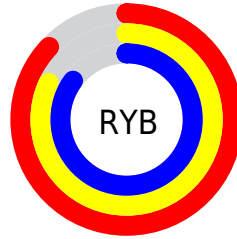
The XYZ color **65.5796, 66.1925, 75.6497** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.4286, 70.6038, 73.1865**, and the grayscale version is **63.8442, 67.1691, 73.1472**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2686, 34.3025, 39.4652** is the 20% darker color. If you saturate the color by 10%, you get **59.6327, 55.6994, 69.3470**, and if you desaturate by 10%, it is **72.3261, 78.2239, 82.4025**.

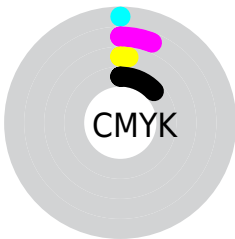
Distribution



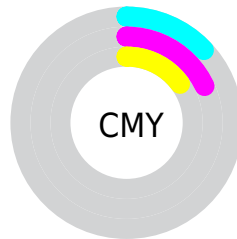
- Red (87%)
- Green (82%)
- Blue (85%)



- Red (87%)
- Yellow (82%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5796, 66.1925, 75.6497 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 65.5796, 66.1925, 75.6497 by changing the saturation by 10% instead.

65.5796, 66.1925,
75.6497

65.5796, 66.1925,
75.6497

434.3843,
447.0650, 499.4626

48.1977, 48.4287,
55.6404

111.9438,
113.7626, 128.9872

34.1953, 34.1665,
39.5126

141.6568,
144.3376, 163.1524

23.2073, 23.0215,
26.8478

176.2108,
179.9519, 202.8733

14.8682, 14.6094,
17.2276

215.9713,
220.9897, 248.5685

8.8126, 8.5457,
10.2332

261.3035,
267.8356, 300.6565

4.6753, 4.4461,
5.4462

312.5728,

2.0908, 1.9261,

320.8738, 359.5558

2.4481

370.1446,
380.4888, 425.6850

■ 0.6842, 0.5640,
0.8125

■ 0.0000, 0.0000,
0.0000

■ 65.5796, 66.1925,
75.6497

■ 65.5796, 66.1925,
75.6497

■ 59.6327, 55.6994,
69.3470

■ 72.3261, 78.2239,
82.4025

■ 54.4481, 46.6736,
63.4773

■ 79.8964, 91.8440,
89.6130

■ 49.9938, 39.0508,
58.0285

■ 81.3909, 93.2523,
94.9844

■ 46.2335, 32.7591,
52.9864

■ 82.4170, 93.6628,
100.3878

43.1274, 27.7199,
48.3353

83.4816, 94.0886,
105.9943

40.6319, 23.8463,
44.0584

83.9347, 94.2698,
108.3798

38.6974, 21.0402,
40.1369

37.2665, 19.1875,
36.5490

36.2682, 18.1471,
33.2686

Harmonies

Analogous

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



64.5908, 66.1925, 79.1018



65.5796, 66.1925, 75.6497



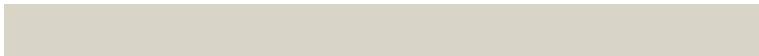
65.8496, 66.1925, 71.3585

Triad

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



65.5796, 66.1925, 75.6497



62.6642, 66.1925, 64.1054



60.5651, 66.1925, 76.9382

Complementary

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



65.5796, 66.1925, 75.6497



64.4286, 70.6038, 73.1865

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.



60.0669, 66.1925, 72.7910



65.5796, 66.1925, 75.6497



61.2664, 66.1925, 65.4722

Square

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



65.5796, 66.1925, 75.6497



64.1510, 66.1925, 64.8027



60.3216, 66.1925, 68.6097



61.6930, 66.1925, 79.8663

Rectangle

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



65.5796, 66.1925, 75.6497



65.5821, 66.1925, 68.6239



60.3216, 66.1925, 68.6097



60.3193, 66.1925, 75.6344

Sweetspot

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



65.5815, 66.1954, 75.6511



93.1928, 96.6884, 107.0392



63.3995, 65.0093, 78.3148



19.9666, 20.7300, 22.9304



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.



65.5815, 66.1954, 75.6511



88.7456, 88.7864, 102.4970



64.7602, 65.8669, 71.3264



14.3641, 14.3166, 16.5980



21.3934, 10.6243, 19.2691



1.5224, 0.7522, 1.5436

Inverse Universe

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



65.5815, 66.1954, 75.6511



88.7456, 88.7864, 102.4970



65.2569, 70.9351, 77.5483



14.3641, 14.3166, 16.5980



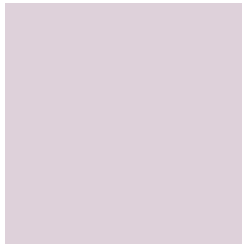
21.3934, 10.6243, 19.2691



1.5224, 0.7522, 1.5436

Previews

White Background



This preview shows how the XYZ color 65.5796, 66.1925, 75.6497 looks on a white background.

Color Contrast Check

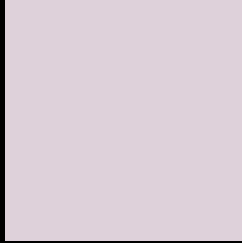
Large Text (above 18pt) WCAG AA × Fail

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 65.5796, 66.1925, 75.6497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

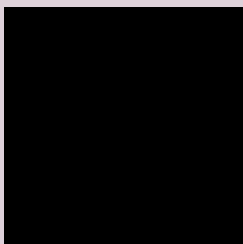
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

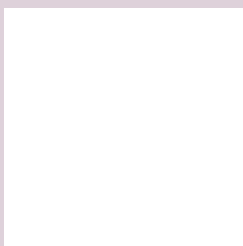
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.5796, 66.1925, 75.6497

Background



This preview shows how black text looks on a background with the XYZ color 65.5796, 66.1925, 75.6497.



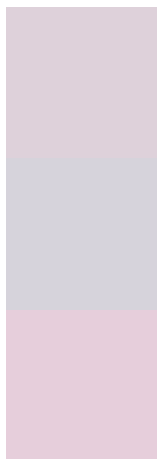
This preview shows how white text looks on a background with the XYZ color 65.5796, 66.1925,

75.6497.

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

65.5796, 66.1925, 75.6497

Protanopia

63.8120, 65.9991, 76.3937

Deuteranopia

67.4906, 66.0801, 76.2154



Tritanopia

66.4418, 66.1815, 79.7935

Trichromacy



Original Color

65.5796, 66.1925, 75.6497

Protanomaly

64.4480, 65.9594, 76.3525

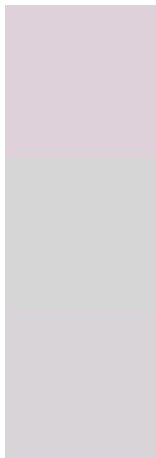
Deuteranomaly

66.7776, 66.0710, 76.2513

Tritanomaly

66.1721, 66.0737, 78.3731

Monochromacy



Original Color

65.5796, 66.1925, 75.6497

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.4245, 66.7450, 73.7775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5796, 66.1925, 75.6497 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, 209, 218)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 209, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 209, 218) }
```

Border

The CSS property to change the border of an element to XYZ 65.5796, 66.1925, 75.6497 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, 209, 218) }
```


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

```
.border{ border-color:rgb(222, 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(222, 209, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 209, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 209, 218); box-shadow:4px 4px 4px 4px rgb(222, 209, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5796, 66.1925, 75.6497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 209, 218) }
```

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

```
.background{ background-color: rgb(222,  
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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