

Converting Colors

XYZ(65.8610, 67.4723, 81.0030)

Have a look what the booklet for
XYZ(65.8610, 67.4723, 81.0030)
contains.

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Color

**XYZ(65.7494, 67.2749,
80.7542)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D4E1
RGB	217, 212, 225
RGB Percent	85%, 83%, 88%
CMY	0.1490, 0.1686, 0.1176
CMYK	0.04, 0.06, 0.00, 0.12
HSL	263°, 18%, 86%
HSV	263°, 6%, 88%
XYZ	65.7494, 67.2749, 80.7542
YIQ	214.9770, -1.1930, 5.1030

Conversions

Conversions Part 2

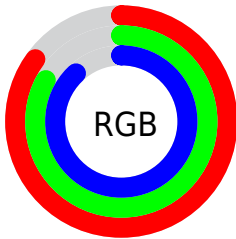
Format	Color
R _Y B	217, 212, 225
Decimal	14275809
CIE Lab	85.64, 4.09, -5.79
CIE LCh	86, 7.088, 305.222
Yxy	67.2749, 0.3076, 0.3147
Android (android.graphics.Color)	4292465889 (0xFFD9D4E1)
YUV	214.9770, 4.9413, 1.7742
Hunter-Lab	82.0213, -0.4491, -0.9592

Details

The XYZ color **65.7494, 67.2749, 80.7542** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.3265, 73.8213, 72.9384**, and the grayscale version is **64.5456, 67.9070, 73.9507**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2130, 34.6976, 42.9243** is the 20% darker color. If you saturate the color by 10%, you get **56.5673, 54.7670, 78.8249**, and if you desaturate by 10%, it is **76.0646, 81.5342, 82.9639**.

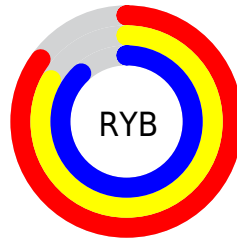
Distribution



Red (85%)

Green (83%)

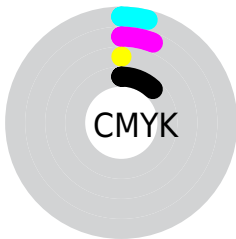
Blue (88%)



Red (85%)

Yellow (83%)

Blue (88%)

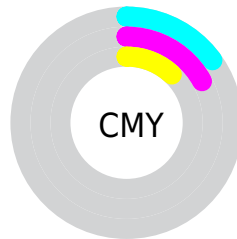


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (12%)



Cyan (15%)

Magenta (17%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7494, 67.2749, 80.7542 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 65.7494, 67.2749, 80.7542 by changing the saturation by 10% instead.

■ 65.7494, 67.2749,
80.7542

■ 65.7494, 67.2749,
80.7542

434.9829,
450.9227, 517.2446

■ 48.3360, 49.3081,
59.8094

112.1863,
115.3142, 136.2465

■ 34.3054, 34.8639,
42.8407

141.9405,
146.1555, 171.6311

■ 23.2923, 23.5581,
29.4297

176.5389,
182.0571, 212.6660

■ 14.9314, 15.0061,
19.1577

216.3470,
223.4033, 259.7698

■ 8.8572, 8.8237,
11.6063

261.7301,
270.5785, 313.3611

■ 4.7045, 4.6264,
6.3570

313.0535,

■ 2.1079, 2.0297,

323.9673, 373.8582

2.9910

370.6827,
383.9538, 441.6799

■ 0.6935, 0.6247,
1.0901

■ 0.0000, 0.0000,
0.0000

■ 65.7494, 67.2749,
80.7542

■ 65.7494, 67.2749,
80.7542

■ 56.5673, 54.7670,
78.8249

■ 76.0646, 81.5342,
82.9639

■ 48.4719, 43.9331,
77.1604

■ 86.9026, 96.3150,
85.2456

■ 41.4218, 34.7026,
75.7503

■ 90.5908, 98.2163,
85.4182

■ 35.3709, 26.9965,
74.5818

■ 30.2690, 20.7289,
73.6410

■ 26.0614, 15.8052,
72.9124

■ 22.6871, 12.1189,
72.3787

■ 20.0759, 9.5464,
72.0198

■ 18.1434, 7.9364,
71.8108

Harmonies

Analogous

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



64.2256, 67.2749, 82.4632



65.7494, 67.2749, 80.7542



66.8021, 67.2749, 77.0394

Triad

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



65.7494, 67.2749, 80.7542



65.2523, 67.2749, 65.4740



60.9018, 67.2749, 74.0628

Complementary

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



65.7494, 67.2749, 80.7542



68.3265, 73.8213, 72.9384

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.



61.1663, 67.2749, 69.5888



65.7494, 67.2749, 80.7542



63.6607, 67.2749, 64.7516

Square

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



65.7494, 67.2749, 80.7542



66.5117, 67.2749, 68.2435



62.1695, 67.2749, 66.2275



61.4409, 67.2749, 78.4975

Rectangle

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



65.7494, 67.2749, 80.7542



67.0855, 67.2749, 73.9937



62.1695, 67.2749, 66.2275



60.8998, 67.2749, 72.5131

Sweetspot

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



65.7514, 67.2778, 80.7557



92.2990, 96.1986, 108.3112



66.3419, 70.6307, 81.3717



19.7847, 20.6303, 23.1892



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.



65.7514, 67.2778, 80.7557



85.6903, 87.1107, 106.9054



67.7167, 68.2909, 80.8476



13.8327, 14.0251, 17.3657



10.1910, 4.3489, 41.3507



0.8042, 0.3519, 2.8708

Inverse Universe

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



67.5154, 68.2648, 77.3314



88.5322, 88.7011, 101.3734



66.4019, 72.8292, 72.8483



14.3269, 14.3017, 16.4026



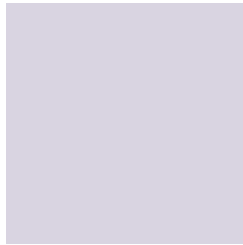
20.6160, 10.3134, 15.1758



1.4723, 0.7322, 1.2802

Previews

White Background



This preview shows how the XYZ color 65.7494, 67.2749, 80.7542 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 65.7494, 67.2749, 80.7542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

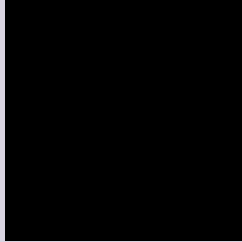
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7494, 67.2749, 80.7542

Background



This preview shows how black text looks on a background with the XYZ color 65.7494, 67.2749, 80.7542.



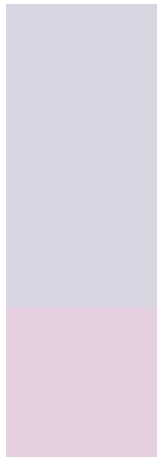
This preview shows how white text looks on a background with the XYZ color 65.7494, 67.2749,

80.7542.

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

65.7494, 67.2749, 80.7542

Protanopia

65.1164, 67.3209, 80.7964

Deuteranopia

68.5964, 67.2608, 81.3187



Tritanopia

66.2113, 67.0954, 82.8598

Trichromacy



Original Color

65.7494, 67.2749, 80.7542

Protanomaly

65.4092, 67.4718, 80.8101

Deuteranomaly

67.5793, 67.0995, 81.3412

Tritanomaly

66.0728, 67.0400, 82.1306

Monochromacy



Original Color

65.7494, 67.2749, 80.7542

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.1517, 67.8065, 76.6719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7494, 67.2749, 80.7542 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(217, 212, 225) looks like.

```
.text, #text, p{  
    color:rgb(217, 212, 225)  
}
```

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(217, 212, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 212, 225) }
```

Border

The CSS property to change the border of an element to XYZ 65.7494, 67.2749, 80.7542 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(217, 212, 225) }
```


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

```
.border{ border-color:rgb(217, 212, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 212, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 212, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 212, 225);  
box-shadow:4px 4px 4px 4px rgb(217, 212,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7494, 67.2749, 80.7542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 212, 225) }
```

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

```
.background{ background-color: rgb(217,  
212, 225) }
```

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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