

Converting Colors

XYZ(64.5995, 62.9727, 85.0941)

Have a look what the booklet for
XYZ(64.5995, 62.9727, 85.0941)
contains.

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Color

**XYZ(64.5995, 62.9727,
85.0941)**

Conversions

Conversions Part 1

Format	Color
Hex	DACAE8
RGB	218, 202, 232
RGB Percent	85%, 79%, 91%
CMY	0.1451, 0.2078, 0.0902
CMYK	0.06, 0.13, 0.00, 0.09
HSL	272°, 39%, 85%
HSV	272°, 13%, 91%
XYZ	64.5995, 62.9727, 85.0941
YIQ	210.2040, -0.0940, 12.7220

Conversions

Conversions Part 2

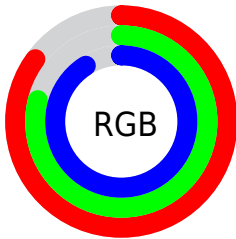
Format	Color
R _Y B	218, 202, 232
Decimal	14338792
CIE Lab	83.43, 11.04, -12.80
CIE LCh	83, 16.900, 310.789
Yxy	62.9727, 0.3038, 0.2961
Android (android.graphics.Color)	4292528872 (0xFFDACAE8)
YUV	210.2040, 10.7454, 6.8371
Hunter-Lab	79.3553, 6.4367, -8.0290

Details

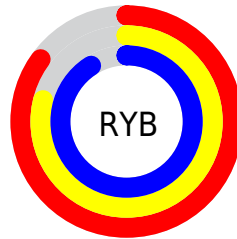
The XYZ color **64.5995, 62.9727, 85.0941** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.8384, 76.5780, 67.0858**, and the grayscale version is **61.3258, 64.5196, 70.2618**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.5306, 32.1009, 45.5031** is the 20% darker color. If you saturate the color by 10%, you get **56.4276, 51.2788, 83.2686**, and if you desaturate by 10%, it is **73.8051, 76.4176, 87.2050**.

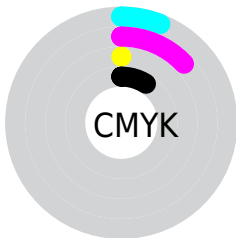
Distribution



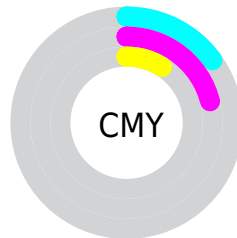
- Red (85%)
- Green (79%)
- Blue (91%)



- Red (85%)
- Yellow (79%)
- Blue (91%)



- Cyan (6%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (15%)
- Magenta (21%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5995, 62.9727, 85.0941 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 64.5995, 62.9727, 85.0941 by changing the saturation by 10% instead.

64.5995, 62.9727,
85.0941

64.5995, 62.9727,
85.0941

430.9193,
435.4704, 532.0921

47.3999, 45.8191,
63.3685

110.5428,
109.1301, 142.3800

33.5612, 32.1031,
45.6965

140.0172,
138.9028, 178.7774

22.7180, 21.4403,
31.6595

174.3139,
173.6505, 220.9024

14.5049, 13.4462,
20.8389

213.7982,
213.7579, 269.1737

8.5567, 7.7365,
12.8162

258.8356,
259.6091, 324.0098

4.5080, 3.9268,
7.1728

309.7913,

1.9933, 1.6327,

311.5887, 385.8292

3.4903

367.0308,
370.0810, 455.0505

■ 0.6302, 0.3795,
1.3501

■ 0.0000, 0.0000,
0.1024

■ 64.5995, 62.9727,
85.0941

■ 64.5995, 62.9727,
85.0941

■ 56.4276, 51.2788,
83.2686

■ 73.8051, 76.4176,
87.2050

■ 49.2432, 41.2531,
81.7121

■ 84.0766, 91.6758,
89.6088

■ 43.0050, 32.8177,
80.4127

■ 89.9239, 97.7599,
90.4749

■ 37.6662, 25.8855,
79.3561

■ 91.5657, 98.6063,
90.5518

■ 33.1756, 20.3606,
78.5263

■ 29.4761, 16.1355,
77.9058

■ 26.5024, 13.0866,
77.4740

■ 24.1763, 11.0647,
77.2064

■ 22.8383, 10.0909,
77.0889

Harmonies

Analogous

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



61.1890, 62.9727, 90.4778



64.5995, 62.9727, 85.0941



66.7921, 62.9727, 75.4577

Triad

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



64.5995, 62.9727, 85.0941



62.2138, 62.9727, 51.1447



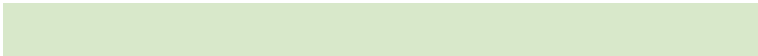
53.1641, 62.9727, 72.4332

Complementary

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



64.5995, 62.9727, 85.0941



67.8384, 76.5780, 67.0858

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.



53.4132, 62.9727, 62.1083



64.5995, 62.9727, 85.0941



58.5379, 62.9727, 50.5134

Square

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



64.5995, 62.9727, 85.0941



65.3762, 62.9727, 56.1539



55.3461, 62.9727, 54.3309



54.6513, 62.9727, 82.6856

Rectangle

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



64.5995, 62.9727, 85.0941



67.2165, 62.9727, 68.2875



55.3461, 62.9727, 54.3309



53.0492, 62.9727, 68.8464

Sweetspot

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



64.6014, 62.9754, 85.0955



90.1522, 92.7722, 107.7630



63.6091, 67.7535, 86.0700



19.1042, 19.5748, 23.0214



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.



64.6014, 62.9754, 85.0955



76.7255, 73.2402, 104.7006



68.8956, 65.1973, 84.9262



14.3131, 14.2636, 18.1431



12.8256, 5.6778, 42.8031



1.0548, 0.4747, 3.1680

Inverse Universe

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



66.7960, 64.3575, 73.8704



80.0797, 75.3514, 87.5954



63.9360, 74.5594, 67.2127



14.6555, 14.4794, 16.3863



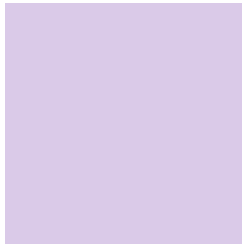
20.0482, 10.1535, 9.1489



1.5281, 0.7689, 0.9213

Previews

White Background



This preview shows how the XYZ color 64.5995, 62.9727, 85.0941 looks on a white background.

Color Contrast Check

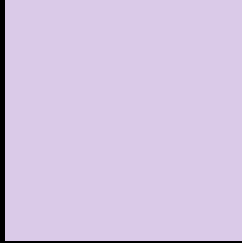
Large Text (above 18pt) WCAG AA × Fail

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 64.5995, 62.9727, 85.0941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

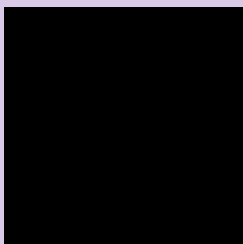
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.5995, 62.9727, 85.0941

Background



This preview shows how black text looks on a background with the XYZ color 64.5995, 62.9727, 85.0941.



This preview shows how white text looks on a background with the XYZ color 64.5995, 62.9727,

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

64.5995, 62.9727, 85.0941

Protanopia

61.9685, 62.9781, 87.4872

Deuteranopia

64.3013, 62.8190, 85.0802



Tritanopia

62.8300, 62.9520, 76.5496

Trichromacy



Original Color

64.5995, 62.9727, 85.0941

Protanomaly

62.9771, 63.1585, 86.7135

Deuteranomaly

64.3013, 62.8190, 85.0802

Tritanomaly

63.4258, 62.8454, 79.3085

Monochromacy



Original Color

64.5995, 62.9727, 85.0941

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.4083, 63.8337, 75.3615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5995, 62.9727, 85.0941 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(218, 202, 232) looks like.

```
.text, #text, p{  
    color:rgb(218, 202, 232)  
}
```

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(218, 202, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 202, 232) }
```

Border

The CSS property to change the border of an element to XYZ 64.5995, 62.9727, 85.0941 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(218, 202, 232) }
```


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

```
.border{ border-color:rgb(218, 202, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 202, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 202, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 202, 232);  
box-shadow:4px 4px 4px 4px rgb(218, 202,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5995, 62.9727, 85.0941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 202, 232) }
```

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

```
.background{ background-color: rgb(218,  
202, 232) }
```

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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