

Converting Colors

XYZ(62.7437, 56.6810, 84.6947)

Have a look what the booklet for
XYZ(62.7437, 56.6810, 84.6947)
contains.

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Color

**XYZ(62.6983, 56.6890,
84.7283)**

Conversions

Conversions Part 1

Format	Color
Hex	DFBAE9
RGB	223, 186, 233
RGB Percent	87%, 73%, 91%
CMY	0.1255, 0.2706, 0.0863
CMYK	0.04, 0.20, 0.00, 0.09
HSL	287°, 52%, 82%
HSV	287°, 20%, 91%
XYZ	62.6983, 56.6890, 84.7283
YIQ	202.4210, 6.9650, 22.4610

Conversions

Conversions Part 2

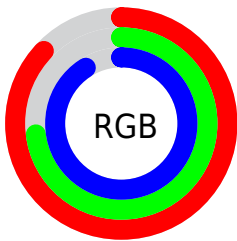
Format	Color
R _Y B	223, 186, 233
Decimal	14662377
CIE Lab	80.00, 21.44, -18.43
CIE LCh	80, 28.276, 319.314
Yxy	56.6890, 0.3072, 0.2777
Android (android.graphics.Color)	4292852457 (0xFFDFBAE9)
YUV	202.4210, 15.0754, 18.0478
Hunter-Lab	75.2921, 16.8819, -14.0162

Details

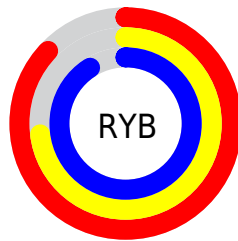
The XYZ color **62.6983, 56.6890, 84.7283** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **60.7688, 73.5602, 57.4529**, and the grayscale version is **56.3091, 59.2416, 64.5141**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **32.2597, 28.1649, 45.3311** is the 20% darker color. If you saturate the color by 10%, you get **56.6796, 46.8852, 83.1540**, and if you desaturate by 10%, it is **69.5655, 68.1214, 86.5739**.

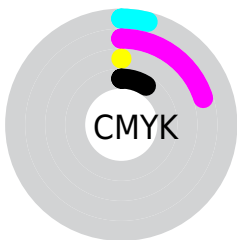
Distribution



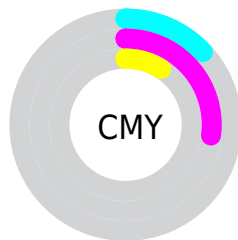
- Red (87%)
- Green (73%)
- Blue (91%)



- Red (87%)
- Yellow (73%)
- Blue (91%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6983, 56.6890, 84.7283 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 62.6983, 56.6890, 84.7283 by changing the saturation by 10% instead.

62.6983, 56.6890,
84.7283

62.6983, 56.6890,
84.7283

424.1508,
412.2829, 530.8497

45.8549, 40.7556,
63.0680

107.8184,
100.0113, 141.8643

32.3355, 28.1282,
45.4549

136.8258,
128.1689, 178.1771

21.7747, 18.4223,
31.4703

170.6186,
161.1701, 220.2112

13.8071, 11.2536,
20.6958

209.5621,
199.3992, 268.3851

8.0674, 6.2377,
12.7128

254.0218,
243.2407, 323.1174

4.1903, 2.9901,
7.1027

304.3629,

1.8103, 1.1266,

293.0788, 384.8266

3.4470

360.9508,
349.2981, 453.9312

■ 0.5239, 0.0005,
1.3271

■ 0.0000, 0.0000,
0.0839

■ 62.6983, 56.6890,
84.7283

■ 62.6983, 56.6890,
84.7283

■ 56.6796, 46.8852,
83.1540

■ 69.5655, 68.1214,
86.5739

■ 51.4651, 38.6250,
81.8345

■ 77.3126, 81.2475,
88.6992

■ 47.0142, 31.8268,
80.7569

■ 85.6859, 95.5587,
91.0202

■ 43.2806, 26.3982,
79.9059

■ 87.3724, 96.4281,
91.0991

40.2124, 22.2366,
79.2643

89.1051, 97.3213,
91.1802

37.7507, 19.2244,
78.8126

90.8843, 98.2385,
91.2635

35.8252, 17.2215,
78.5275

91.7081, 98.6633,
91.3020

34.3378, 16.0027,
78.3707

Harmonies

Analogous

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



57.6176, 56.6890, 96.6486



62.6983, 56.6890, 84.7283



65.4801, 56.6890, 67.7779

Triad

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



62.6983, 56.6890, 84.7283



55.9553, 56.6890, 35.5663



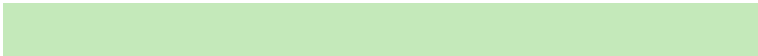
44.1153, 56.6890, 72.7895

Complementary

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



62.6983, 56.6890, 84.7283



60.7688, 73.5602, 57.4529

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.



43.7399, 56.6890, 56.0431



62.6983, 56.6890, 84.7283



50.3099, 56.6890, 36.4261

Square

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



62.6983, 56.6890, 84.7283



61.4073, 56.6890, 40.7106



45.9321, 56.6890, 43.3141



46.9966, 56.6890, 88.9533

Rectangle

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



62.6983, 56.6890, 84.7283



65.5324, 56.6890, 56.7452



45.9321, 56.6890, 43.3141



43.7000, 56.6890, 66.9873

Sweetspot

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



62.7000, 56.6914, 84.7295



89.1743, 90.0115, 107.2817



54.7413, 55.8875, 84.9938



18.9553, 19.0434, 22.9267



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.



62.7000, 56.6914, 84.7295



73.9078, 64.5880, 103.1791



64.0413, 57.5944, 75.2335



15.3829, 15.1427, 19.0343



19.5917, 9.1358, 44.4738



1.6166, 0.7577, 3.4959

Inverse Universe

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



61.1289, 56.4295, 59.8974



71.7280, 64.2509, 67.5385



59.7362, 72.8566, 65.1425



15.1966, 15.1065, 16.3206



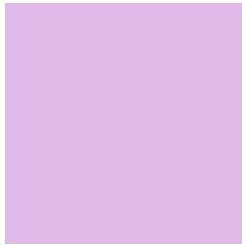
19.4261, 9.9731, 2.7794



1.5600, 0.7970, 0.4003

Previews

White Background



This preview shows how the XYZ color 62.6983, 56.6890, 84.7283 looks on a white background.

Color Contrast Check

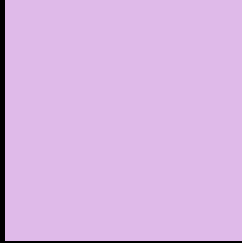
Large Text (above 18pt) WCAG AA × Fail

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 62.6983, 56.6890, 84.7283 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 62.6983, 56.6890, 84.7283

Background



This preview shows how black text looks on a background with the XYZ color 62.6983, 56.6890, 84.7283.



This preview shows how white text looks on a background with the XYZ color 62.6983, 56.6890,

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

62.6983, 56.6890, 84.7283

Protanopia

56.6807, 57.0426, 90.4610

Deuteranopia

58.0727, 56.9097, 83.5252



Tritanopia

58.9848, 56.7779, 66.2429

Trichromacy



Original Color

62.6983, 56.6890, 84.7283

Protanomaly

58.4434, 56.6719, 87.9792

Deuteranomaly

59.7746, 56.7894, 84.1549

Tritanomaly

60.1075, 56.5687, 72.7166

Monochromacy



Original Color

62.6983, 56.6890, 84.7283

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.3285, 57.9856, 71.0689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6983, 56.6890, 84.7283 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(223, 186, 233)` looks like.

```
.text, #text, p{  
    color:rgb(223, 186, 233)  
}
```

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(223, 186, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 186, 233) }
```

Border

The CSS property to change the border of an element to XYZ 62.6983, 56.6890, 84.7283 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(223, 186, 233) }
```


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

```
.border{ border-color:rgb(223, 186, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 186, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 186, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 186, 233);  
box-shadow:4px 4px 4px 4px rgb(223, 186,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6983, 56.6890, 84.7283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 186, 233) }
```

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

```
.background{ background-color: rgb(223,  
186, 233) }
```

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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