

Converting Colors

XYZ(56.8920, 52.9653, 61.7619)

Have a look what the booklet for
XYZ(56.8920, 52.9653, 61.7619)
contains.

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Color

**XYZ(56.9721, 52.9982,
61.8705)**

Conversions

Conversions Part 1

Format	Color
Hex	DDB6C8
RGB	221, 182, 200
RGB Percent	87%, 71%, 78%
CMY	0.1333, 0.2863, 0.2157
CMYK	0.00, 0.18, 0.10, 0.13
HSL	332°, 36%, 79%
HSV	332°, 18%, 87%
XYZ	56.9721, 52.9982, 61.8705
YIQ	195.7130, 17.4660, 13.8660

Conversions

Conversions Part 2

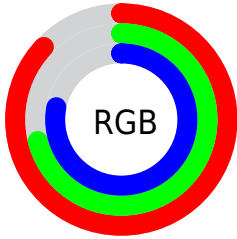
Format	Color
R _Y B	221, 182, 200
Decimal	14530248
CIE Lab	77.87, 16.95, -3.80
CIE LCh	78, 17.370, 347.352
Yxy	52.9982, 0.3315, 0.3084
Android (android.graphics.Color)	4292720328 (0xFFDDB6C8)
YUV	195.7130, 2.1135, 22.1767
Hunter-Lab	72.7999, 12.2917, 0.5710

Details

The XYZ color **56.9721, 52.9982, 61.8705** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.9295, 65.9712, 66.2890**, and the grayscale version is **52.2792, 55.0017, 59.8969**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **28.7644, 25.8828, 30.6740** is the 20% darker color. If you saturate the color by 10%, you get **51.4614, 44.1162, 53.4364**, and if you desaturate by 10%, it is **63.3084, 63.3567, 71.1152**.

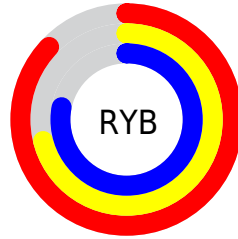
Distribution



Red (87%)

Green (71%)

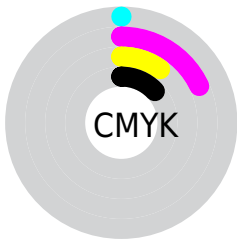
Blue (78%)



Red (87%)

Yellow (71%)

Blue (78%)

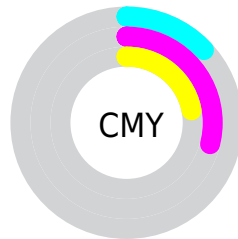


Cyan (0%)

Magenta (18%)

Yellow (10%)

Black (13%)



Cyan (13%)


Magenta (29%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.9721, 52.9982, 61.8705 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 56.9721, 52.9982, 61.8705 by changing the saturation by 10% instead.


 56.9721, 52.9982,
61.8705

 56.9721, 52.9982,
61.8705


403.3606,
398.2782, 449.4532

 41.2229, 37.8013,
44.4930


 99.5561, 94.6017,
109.1081

 28.6817, 25.8285,
30.7182


127.1215,
121.7772, 139.8053

 18.9833, 16.6954,
20.1277


159.3565,
153.7143, 175.7794

 11.7621, 10.0176,
12.3029

196.6262,
190.7974, 217.4490

 6.6530, 5.4106,
6.8253

239.2962,
233.4109, 265.2326

 3.2904, 2.4901,
3.2763

287.7317,

 1.3091, 0.8717,

281.9393, 319.5489

1.2374

342.2980,
336.7670, 380.8162

■ 0.1900, 0.0000,
0.0096

■ 0.0000, 0.0000,
0.0000

■ 56.9721, 52.9982,
61.8705

■ 56.9721, 52.9982,
61.8705

■ 51.4614, 44.1162,
53.4364

■ 63.3084, 63.3567,
71.1152

■ 46.7358, 36.6358,
45.7856

■ 70.4993, 75.2480,
81.1901

■ 42.7583, 30.4863,
38.8938

■ 78.5780, 88.7342,
92.1182

■ 39.4868, 25.5876,
32.7339

■ 82.4614, 93.6452,
102.2161

■ 36.8748, 21.8514,
27.2769

■ 83.6291, 94.1123,
108.3655

■ 34.8699, 19.1771,
22.4913

■ 33.4109, 17.4474,
18.3417

■ 32.4147, 16.5009,
14.7849

■ 32.2168, 16.3314,
14.0217

Harmonies

Analogous

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



55.2972, 52.9982, 71.2309



56.9721, 52.9982, 61.8705



56.8226, 52.9982, 52.3402

Triad

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



56.9721, 52.9982, 61.8705



48.4630, 52.9982, 41.7266



46.1046, 52.9982, 72.4791

Complementary

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



56.9721, 52.9982, 61.8705



55.9295, 65.9712, 66.2890

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.



44.4312, 52.9982, 63.4266



56.9721, 52.9982, 61.8705



45.7505, 52.9982, 46.0116

Square

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



56.9721, 52.9982, 61.8705



51.8071, 52.9982, 41.4094



44.3046, 52.9982, 53.7328



48.9660, 52.9982, 77.7995

Rectangle

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



56.9721, 52.9982, 61.8705



55.7082, 52.9982, 47.1516



44.3046, 52.9982, 53.7328



45.3902, 52.9982, 69.7285

Sweetspot

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



56.9736, 53.0006, 61.8716



90.0307, 91.6988, 101.8704



54.3553, 51.3474, 75.4536



19.1245, 19.3870, 21.5981



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.



56.9736, 53.0006, 61.8716



75.9815, 68.7433, 81.3326



55.2597, 52.7429, 51.5267



13.3048, 13.1510, 14.8661



18.7709, 9.5094, 8.4397



1.2593, 0.6333, 0.7742

Inverse Universe

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



56.9736, 53.0006, 61.8716



75.9815, 68.7433, 81.3326



57.8588, 66.1959, 78.1350



13.3048, 13.1510, 14.8661



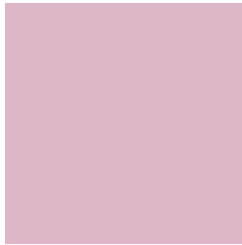
18.7709, 9.5094, 8.4397



1.2593, 0.6333, 0.7742

Previews

White Background



This preview shows how the XYZ color 56.9721, 52.9982, 61.8705 looks on a white background.

Color Contrast Check

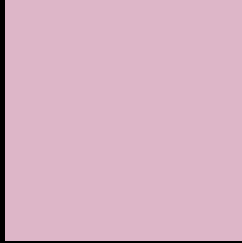
Large Text (above 18pt) WCAG AA × Fail

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 56.9721, 52.9982, 61.8705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

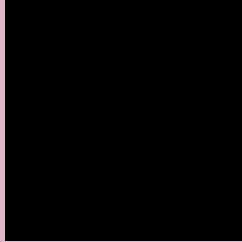
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9721, 52.9982, 61.8705

Background



This preview shows how black text looks on a background with the XYZ color 56.9721, 52.9982, 61.8705.



This preview shows how white text looks on a background with the XYZ color 56.9721, 52.9982,

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

56.9721, 52.9982, 61.8705

Protanopia

51.7284, 53.3620, 65.9660

Deuteranopia

54.0916, 53.0741, 61.4262



Tritanopia

56.8303, 53.2703, 60.1102

Trichromacy



Original Color

56.9721, 52.9982, 61.8705

Protanomaly

53.5109, 53.0226, 64.5408

Deuteranomaly

55.0983, 52.9676, 61.3526

Tritanomaly

56.9453, 53.3163, 60.7158

Monochromacy



Original Color

56.9721, 52.9982, 61.8705

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.8857, 54.2720, 60.4588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9721, 52.9982, 61.8705 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(221, 182, 200)` looks like.

```
.text, #text, p{  
    color:rgb(221, 182, 200)  
}
```

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(221, 182, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 182, 200) }
```

Border

The CSS property to change the border of an element to XYZ 56.9721, 52.9982, 61.8705 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(221, 182, 200) }
```


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

```
.border{ border-color:rgb(221, 182, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 182, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 182, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 182, 200);  
box-shadow:4px 4px 4px 4px rgb(221, 182,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9721, 52.9982, 61.8705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 182, 200) }
```

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

```
.background{ background-color: rgb(221,  
182, 200) }
```

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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