

Converting Colors

XYZ(52.1782, 52.7693, 70.1249)

Have a look what the booklet for
XYZ(52.1782, 52.7693, 70.1249)
contains.

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Color

**XYZ(52.1619, 52.8375,
70.4002)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BED5
RGB	192, 190, 213
RGB Percent	75%, 75%, 84%
CMY	0.2471, 0.2549, 0.1647
CMYK	0.10, 0.11, 0.00, 0.16
HSL	245°, 21%, 79%
HSV	245°, 11%, 84%
XYZ	52.1619, 52.8375, 70.4002
YIQ	193.2200, -6.1910, 7.5770

Conversions

Conversions Part 2

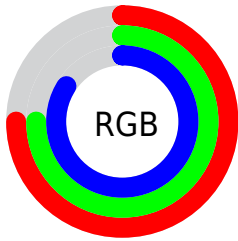
Format	Color
R_{YB}	192, 190, 213
Decimal	12631765
CIE _{Lab}	77.78, 5.14, -11.25
CIE _{LCh}	78, 12.374, 294.560
Yxy	52.8375, 0.2974, 0.3012
Android (android.graphics.Color)	4290821845 (0xFFC0BED5)
YUV	193.2200, 9.7515, -1.0699
Hunter-Lab	72.6894, 0.8851, -6.5402

Details

The XYZ color **52.1619, 52.8375, 70.4002** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9545, 65.1565, 58.1343**, and the grayscale version is **50.7663, 53.4101, 58.1636**.

A 20% lighter version of the original color is **89.7172, 93.0880, 107.8469**, and **25.5984, 25.7632, 35.9714** is the 20% darker color. If you saturate the color by 10%, you get **43.2779, 41.9034, 68.7588**, and if you desaturate by 10%, it is **62.3741, 65.4600, 72.2992**.

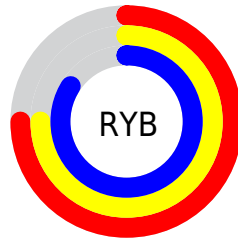
Distribution



Red (75%)

Green (75%)

Blue (84%)



Red (75%)

Yellow (75%)

Blue (84%)

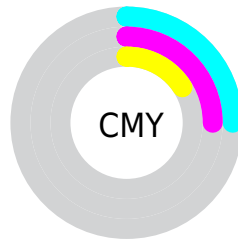


Cyan (10%)

Magenta (11%)

Yellow (0%)

Black (16%)



Cyan (25%)

Magenta (25%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1619, 52.8375, 70.4002 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 52.1619, 52.8375, 70.4002 by changing the saturation by 10% instead.

■ 52.1619, 52.8375,
70.4002

■ 52.1619, 52.8375,
70.4002

385.3750,
397.6614, 480.7810

■ 37.3589, 37.6731,
51.3740

■ 92.5428, 94.3652,
121.4658

■ 25.6605, 25.7290,
36.1276

118.8514,
121.4973, 154.3422

■ 16.7011, 16.6210,
24.2423

149.7259,
153.3873, 192.6726

■ 10.1156, 9.9647,
15.2996

185.5318,
190.4198, 236.8753

■ 5.5385, 5.3755,
8.8810

226.6342,
232.9790, 287.3690

■ 2.6045, 2.4692,
4.5679

273.3987,

■ 0.9483, 0.8612,

281.4494, 344.5721

1.9418

326.1905,
336.2154, 408.9033

■ 0.0000, 0.0000,
0.5191

■ 0.0000, 0.0000,
0.0000

■ 52.1619, 52.8375,
70.4002

■ 52.1619, 52.8375,
70.4002

■ 43.2779, 41.9034,
68.7588

■ 62.3741, 65.4600,
72.2992

■ 35.6630, 32.5797,
67.3605

■ 73.9610, 79.8312,
74.4624

■ 29.2605, 24.7922,
66.1948

■ 86.9729, 96.0167,
76.9007

■ 24.0075, 18.4583,
65.2491

■ 89.0104, 97.5842,
77.0959

■ 19.8357, 13.4876,
64.5095

■ 16.6692, 9.7796,
63.9607

■ 14.4225, 7.2198,
63.5850

■ 12.9952, 5.6729,
63.3616

■ 12.2692, 4.9376,
63.2580

Harmonies

Analogous

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



49.7845, 52.8375, 71.7073



52.1619, 52.8375, 70.4002



54.0725, 52.8375, 65.5350

Triad

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



52.1619, 52.8375, 70.4002



52.9425, 52.8375, 47.4268



45.7677, 52.8375, 56.2878

Complementary

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



52.1619, 52.8375, 70.4002



59.9545, 65.1565, 58.1343

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.



46.5559, 52.8375, 50.2069



52.1619, 52.8375, 70.4002



50.6590, 52.8375, 45.3584

Square

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



52.1619, 52.8375, 70.4002



54.5331, 52.8375, 52.2138



48.3278, 52.8375, 46.3343



46.1414, 52.8375, 63.1975

Rectangle

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



52.1619, 52.8375, 70.4002



54.7985, 52.8375, 61.1198



48.3278, 52.8375, 46.3343



45.9048, 52.8375, 54.0857

Sweetspot

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



52.1635, 52.8397, 70.4014



90.1344, 93.9149, 107.9845



56.5621, 62.3826, 72.0115



19.0181, 19.7623, 23.0621



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.



52.1635, 52.8397, 70.4014



75.0983, 75.3469, 105.1930



55.1678, 54.3885, 70.5420



11.8416, 12.0597, 15.6412



7.5307, 3.0348, 38.6420



0.4896, 0.2013, 2.3324

Inverse Universe

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



57.6138, 55.6786, 69.3412



84.9114, 80.4589, 103.2510



56.7984, 63.5295, 57.9866



12.9043, 12.6132, 15.4365



22.7638, 11.0418, 32.3898



1.3870, 0.6716, 2.0272

Previews

White Background



This preview shows how the XYZ color 52.1619, 52.8375, 70.4002 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 52.1619, 52.8375, 70.4002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

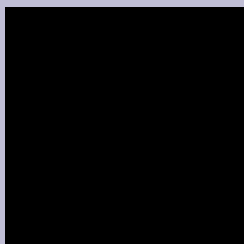
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1619, 52.8375, 70.4002

Background



This preview shows how black text looks on a background with the XYZ color 52.1619, 52.8375, 70.4002.

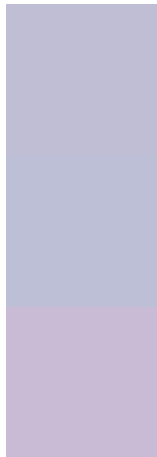


This preview shows how white text looks on a background with the XYZ color 52.1619, 52.8375,

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

52.1619, 52.8375, 70.4002

Protanopia

51.7547, 52.9355, 71.1081

Deuteranopia

53.9953, 52.8132, 70.9664



Tritanopia

51.2572, 52.7942, 65.8813

Trichromacy



Original Color

52.1619, 52.8375, 70.4002

Protanomaly

52.0036, 53.0638, 71.1198

Deuteranomaly

53.4095, 52.8272, 71.0000

Tritanomaly

51.6253, 52.9414, 67.8194

Monochromacy



Original Color

52.1619, 52.8375, 70.4002

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.2673, 53.2069, 62.2115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1619, 52.8375, 70.4002 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(192, 190, 213)` looks like.

```
.text, #text, p{  
    color:rgb(192, 190, 213)  
}
```

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(192, 190, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 190, 213) }
```

Border

The CSS property to change the border of an element to XYZ 52.1619, 52.8375, 70.4002 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(192, 190, 213) }
```


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

```
.border{ border-color:rgb(192, 190, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 190, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 190, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 190, 213);  
box-shadow:4px 4px 4px 4px rgb(192, 190,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1619, 52.8375, 70.4002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 190, 213) }
```

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

```
.background{ background-color: rgb(192,  
190, 213) }
```

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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