

Converting Colors

XYZ(51.7830, 52.6567, 69.7219)

Have a look what the booklet for
XYZ(51.7830, 52.6567, 69.7219)
contains.

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Color

**XYZ(51.7830, 52.6567,
69.7219)**

Conversions

Conversions Part 1

Format	Color
Hex	BFBED4
RGB	191, 190, 212
RGB Percent	75%, 75%, 83%
CMY	0.2510, 0.2549, 0.1686
CMYK	0.10, 0.10, 0.00, 0.17
HSL	243°, 20%, 79%
HSV	243°, 10%, 83%
XYZ	51.7830, 52.6567, 69.7219
YIQ	192.8070, -6.4660, 7.0540

Conversions

Conversions Part 2

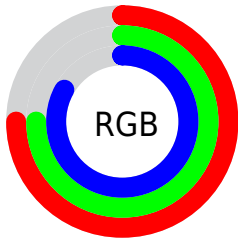
Format	Color
R_{YB}	191, 190, 212
Decimal	12566228
CIE _{Lab}	77.67, 4.61, -10.88
CIE _{LCh}	78, 11.819, 292.964
Yxy	52.6567, 0.2973, 0.3023
Android (android.graphics.Color)	4290756308 (0xFFFBED4)
YUV	192.8070, 9.4621, -1.5847
Hunter-Lab	72.5649, 0.3906, -6.1716

Details

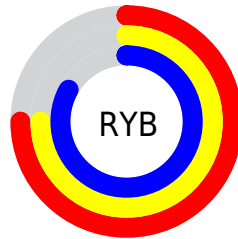
The XYZ color **51.7830, 52.6567, 69.7219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7035, 64.6549, 58.0506**, and the grayscale version is **50.5255, 53.1567, 57.8877**.

A 20% lighter version of the original color is **89.3635, 92.9057, 107.8304**, and **25.5127, 25.7289, 35.5198** is the 20% darker color. If you saturate the color by 10%, you get **42.7785, 41.6880, 68.0801**, and if you desaturate by 10%, it is **62.1618, 65.3281, 71.6215**.

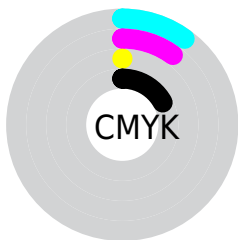
Distribution



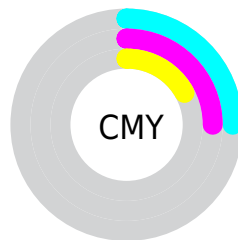
- Red (75%)
- Green (75%)
- Blue (83%)



- Red (75%)
- Yellow (75%)
- Blue (83%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (17%)



- Cyan (25%)
- Magenta (25%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7830, 52.6567, 69.7219 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 51.7830, 52.6567, 69.7219 by changing the saturation by 10% instead.

■ 51.7830, 52.6567,
69.7219

■ 51.7830, 52.6567,
69.7219

383.9360,
396.9666, 478.3357

■ 37.0557, 37.5288,
50.8244

■ 91.9873, 94.0990,
120.4895

■ 25.4245, 25.6172,
35.6932

118.1949,
121.1822, 153.1967

■ 16.5240, 16.5375,
23.9095

148.9601,
153.0193, 191.3442

■ 9.9889, 9.9053,
15.0549

184.6481,
189.9946, 235.3506

■ 5.4538, 5.3362,
8.7109

225.6244,
232.4926, 285.6344

■ 2.5534, 2.4458,
4.4589

272.2542,

■ 0.9223, 0.8493,

280.8977, 342.6141

1.8803

324.9030,
335.5942, 406.7084

■ 0.0000, 0.0000,
0.4802

■ 0.0000, 0.0000,
0.0000

■ 51.7830, 52.6567,
69.7219

■ 51.7830, 52.6567,
69.7219

■ 42.7785, 41.6880,
68.0801

■ 62.1618, 65.3281,
71.6215

■ 35.0862, 32.3433,
66.6818

■ 73.9643, 79.7635,
73.7858

■ 28.6463, 24.5472,
65.5165

■ 87.2430, 96.0292,
76.2255

■ 23.3925, 18.2163,
64.5714

■ 88.8838, 97.5335,
76.4294

■ 19.2524, 13.2588,
63.8327

■ 16.1454, 9.5730,
63.2850

■ 13.9805, 7.0427,
62.9107

■ 12.6505, 5.5308,
62.6890

■ 12.0042, 4.8156,
62.5850

Harmonies

Analogous

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



49.5122, 52.6567, 70.7555



51.7830, 52.6567, 69.7219



53.6396, 52.6567, 65.2545

Triad

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



51.7830, 52.6567, 69.7219



52.7427, 52.6567, 47.8621



45.8122, 52.6567, 55.8062

Complementary

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



51.7830, 52.6567, 69.7219



59.7035, 64.6549, 58.0506

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.



46.6216, 52.6567, 50.0822



51.7830, 52.6567, 69.7219



50.5889, 52.6567, 45.7274

Square

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



51.7830, 52.6567, 69.7219



54.2053, 52.6567, 52.5622



48.3534, 52.6567, 46.5082



46.1100, 52.6567, 62.3866

Rectangle

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



51.7830, 52.6567, 69.7219



54.3694, 52.6567, 61.1013



48.3534, 52.6567, 46.5082



45.9630, 52.6567, 53.7252

Sweetspot

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



51.7846, 52.6589, 69.7231



90.0219, 93.8569, 107.9793



56.4810, 62.4231, 71.3602



18.9879, 19.7467, 23.0607



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.



51.7846, 52.6589, 69.7231



76.1109, 76.8811, 105.4358



54.5840, 54.1021, 69.8541



11.7942, 12.0353, 15.6389



7.4334, 2.9846, 38.6375



0.4671, 0.1897, 2.3313

Inverse Universe

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



57.3245, 55.5293, 69.3273



85.8306, 81.9175, 104.7284



56.7300, 63.1220, 57.9114



12.9276, 12.6225, 15.5588



23.3818, 11.2890, 35.6443



1.4180, 0.6840, 2.1904

Previews

White Background



This preview shows how the XYZ color 51.7830, 52.6567, 69.7219 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 51.7830, 52.6567, 69.7219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

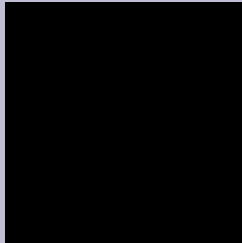
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7830, 52.6567, 69.7219

Background



This preview shows how black text looks on a background with the XYZ color 51.7830, 52.6567, 69.7219.

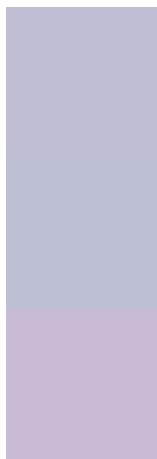


This preview shows how white text looks on a background with the XYZ color 51.7830, 52.6567,

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

51.7830, 52.6567, 69.7219

Protanopia

51.5007, 52.8339, 69.7709

Deuteranopia

53.8680, 52.7623, 70.2958



Tritanopia

51.0066, 52.6650, 65.8695

Trichromacy



Original Color

51.7830, 52.6567, 69.7219

Protanomaly

51.7497, 52.9622, 69.7826

Deuteranomaly

53.0194, 52.6409, 70.3171

Tritanomaly

51.2512, 52.7628, 67.1575

Monochromacy



Original Color

51.7830, 52.6567, 69.7219

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.0132, 53.0759, 62.1996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7830, 52.6567, 69.7219 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(191, 190, 212)` looks like.

```
.text, #text, p{  
    color:rgb(191, 190, 212)  
}
```

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(191, 190, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 190, 212) }
```

Border

The CSS property to change the border of an element to XYZ 51.7830, 52.6567, 69.7219 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(191, 190, 212) }
```


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

```
.border{ border-color:rgb(191, 190, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 190, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 190, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 190, 212);  
box-shadow:4px 4px 4px 4px rgb(191, 190,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7830, 52.6567, 69.7219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 190, 212) }
```

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

```
.background{ background-color: rgb(191,  
190, 212) }
```

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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