

Converting Colors

XYZ(52.1392, 53.2120, 70.1773)

Have a look what the booklet for
XYZ(52.1392, 53.2120, 70.1773)
contains.

XYZ(52.1269, 53.1421, 70.4609)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.1269, 53.1421,
70.4609)**

Conversions

Conversions Part 1

Format	Color
Hex	BFBFD5
RGB	191, 191, 213
RGB Percent	75%, 75%, 84%
CMY	0.2510, 0.2510, 0.1647
CMYK	0.10, 0.10, 0.00, 0.16
HSL	240°, 21%, 79%
HSV	240°, 10%, 84%
XYZ	52.1269, 53.1421, 70.4609
YIQ	193.5080, -7.0620, 6.8420

Conversions

Conversions Part 2

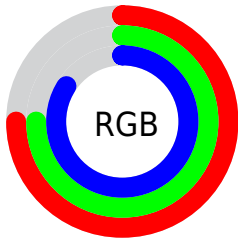
Format	Color
R _Y B	191, 191, 213
Decimal	12566485
CIE Lab	77.96, 4.28, -10.99
CIE LCh	78, 11.796, 291.254
Yxy	53.1421, 0.2966, 0.3024
Android (android.graphics.Color)	4290756565 (0xFFBFBFD5)
YUV	193.5080, 9.6096, -2.1995
Hunter-Lab	72.8986, 0.0656, -6.2783

Details

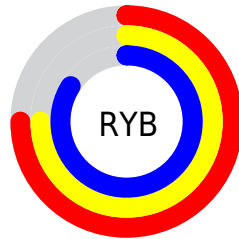
The XYZ color **52.1269, 53.1421, 70.4609** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6390, 65.4957, 58.7371**, and the grayscale version is **50.9370, 53.5897, 58.3592**.

A 20% lighter version of the original color is **89.6685, 93.5157, 107.9320**, and **25.5766, 25.9639, 36.0113** is the 20% darker color. If you saturate the color by 10%, you get **42.8434, 41.9568, 68.7920**, and if you desaturate by 10%, it is **62.8679, 66.0842, 72.3937**.

Distribution



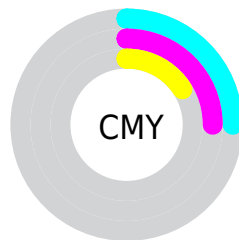
- Red (75%)
- Green (75%)
- Blue (84%)



- Red (75%)
- Yellow (75%)
- Blue (84%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (25%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1269, 53.1421, 70.4609 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 52.1269, 53.1421, 70.4609 by changing the saturation by 10% instead.

■ 52.1269, 53.1421,
70.4609

■ 52.1269, 53.1421,
70.4609

385.2422,
398.8301, 480.9994

■ 37.3309, 37.9162,
51.4232

■ 92.4915, 94.8134,
121.5531

■ 25.6387, 25.9177,
36.1665

118.7908,
122.0277, 154.4447

■ 16.6848, 16.7621,
24.2721

149.6552,
154.0068, 192.7913

■ 10.1039, 10.0650,
15.3215

185.4502,
191.1353, 237.0116

■ 5.5307, 5.4421,
8.8962

226.5410,
233.7974, 287.5240

■ 2.5998, 2.5089,
4.5777

273.2931,

■ 0.9459, 0.8811,

282.3777, 344.7471

1.9473

326.0717,
337.2604, 409.0994

■ 0.0000, 0.0000,
0.5226

■ 0.0000, 0.0000,
0.0000

■ 52.1269, 53.1421,
70.4609

■ 52.1269, 53.1421,
70.4609

■ 42.8434, 41.9568,
68.7920

■ 62.8679, 66.0842,
72.3937

■ 34.9502, 32.4462,
67.3723

■ 75.1204, 80.8470,
74.5974

■ 28.3818, 24.5318,
66.1909

■ 88.9414, 97.4997,
77.0833

■ 23.0657, 18.1261,
65.2347

■ 89.0104, 97.5842,
77.0959

■ 18.9222, 13.1335,
64.4894

■ 15.8629, 9.4470,
63.9391

■ 13.7864, 6.9448,
63.5655

■ 12.5726, 5.4819,
63.3471

■ 12.0107, 4.8048,
63.2460

Harmonies

Analogous

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



49.8418, 53.1421, 71.2769



52.1269, 53.1421, 70.4609



54.0311, 53.1421, 66.1399

Triad

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



52.1269, 53.1421, 70.4609



53.3230, 53.1421, 48.5534



46.2720, 53.1421, 55.9619

Complementary

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



52.1269, 53.1421, 70.4609



60.6390, 65.4957, 58.7371

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.



47.1452, 53.1421, 50.3066



52.1269, 53.1421, 70.4609



51.1841, 53.1421, 46.2469

Square

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



52.1269, 53.1421, 70.4609



54.7361, 53.1421, 53.4004



48.9268, 53.1421, 46.8635



46.5072, 53.1421, 62.5669

Rectangle

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



52.1269, 53.1421, 70.4609



54.8058, 53.1421, 62.0208



48.9268, 53.1421, 46.8635



46.4447, 53.1421, 53.8948

Sweetspot

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



52.1285, 53.1443, 70.4621



89.8995, 93.7943, 107.9736



57.2448, 63.4513, 71.9381



18.9551, 19.7299, 23.0592



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.



52.1285, 53.1443, 70.4621



75.6790, 76.6600, 105.4159



54.9000, 54.5722, 70.5916



11.7428, 12.0090, 15.6366



7.3366, 2.9350, 38.6330



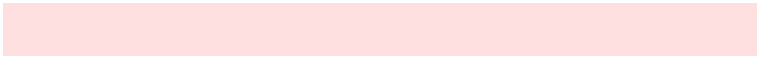
0.4426, 0.1771, 2.3302

Inverse Universe

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



55.4766, 55.1705, 57.0179



81.5127, 80.1903, 81.9907



57.6556, 63.9588, 58.5977



12.4234, 12.4208, 12.9037



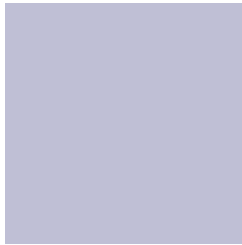
16.7620, 8.6411, 0.7851



1.0110, 0.5212, 0.0475

Previews

White Background



This preview shows how the XYZ color 52.1269, 53.1421, 70.4609 looks on a white background.

Color Contrast Check

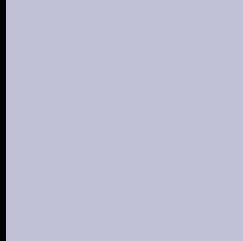
Large Text (above 18pt) WCAG AA × Fail

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 52.1269, 53.1421, 70.4609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

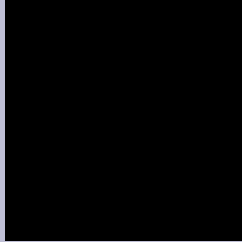
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1269, 53.1421, 70.4609

Background



This preview shows how black text looks on a background with the XYZ color 52.1269, 53.1421, 70.4609.

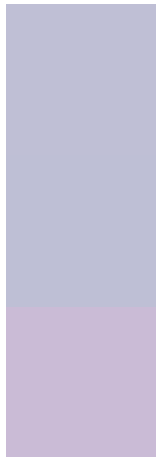


This preview shows how white text looks on a background with the XYZ color 52.1269, 53.1421,

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

52.1269, 53.1421, 70.4609

Protanopia

51.8762, 53.0128, 70.4491

Deuteranopia

54.2650, 52.9522, 70.9791



Tritanopia

51.3473, 53.1514, 66.5844

Trichromacy



Original Color

52.1269, 53.1421, 70.4609

Protanomaly

51.8762, 53.0128, 70.4491

Deuteranomaly

53.4095, 52.8272, 71.0000

Tritanomaly

51.5935, 53.2499, 67.8806

Monochromacy



Original Color

52.1269, 53.1421, 70.4609

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.6049, 53.6944, 62.9025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1269, 53.1421, 70.4609 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, 191, 213)` looks like.

```
.text, #text, p{  
    color:rgb(191, 191, 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(191, 191, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 191, 213) }
```

Border

The CSS property to change the border of an element to XYZ 52.1269, 53.1421, 70.4609 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, 191, 213) }
```


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

```
.border{ border-color:rgb(191, 191, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 191, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 191, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 191, 213);  
box-shadow:4px 4px 4px 4px rgb(191, 191,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1269, 53.1421, 70.4609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 191, 213) }
```

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

```
.background{ background-color: rgb(191,  
191, 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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