

Converting Colors

XYZ(52.5567, 52.7275, 74.2263)

Have a look what the booklet for
XYZ(52.5567, 52.7275, 74.2263)
contains.

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Color

**XYZ(52.4696, 52.5860,
74.4025)**

Conversions

Conversions Part 1

Format	Color
Hex	BFBDDB
RGB	191, 189, 219
RGB Percent	75%, 74%, 86%
CMY	0.2510, 0.2588, 0.1412
CMYK	0.13, 0.14, 0.00, 0.14
HSL	244°, 29%, 80%
HSV	244°, 14%, 86%
XYZ	52.4696, 52.5860, 74.4025
YIQ	193.0180, -8.4380, 9.7540

Conversions

Conversions Part 2

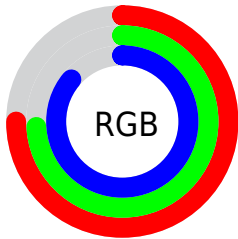
Format	Color
RYB	191, 189, 219
Decimal	12565979
CIELab	77.63, 6.59, -14.73
CIELCh	78, 16.135, 294.102
Yxy	52.5860, 0.2924, 0.2930
Android (android.graphics.Color)	4290756059 (0xFFFBFBDDDB)
YUV	193.0180, 12.8091, -1.7698
Hunter-Lab	72.5162, 2.2515, -10.0709

Details

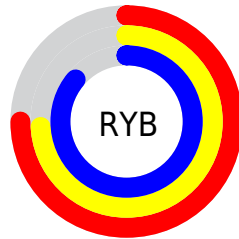
The XYZ color **52.4696, 52.5860, 74.4025** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **63.1340, 69.0902, 58.1548**, and the grayscale version is **50.6311, 53.2678, 58.0087**.

A 20% lighter version of the original color is **89.4138, 92.4813, 107.7458**, and **25.8215, 25.6070, 38.7037** is the 20% darker color. If you saturate the color by 10%, you get **43.3231, 41.3988, 72.7261**, and if you desaturate by 10%, it is **63.0481, 65.5701, 76.3520**.

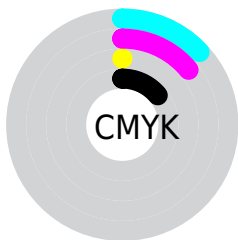
Distribution



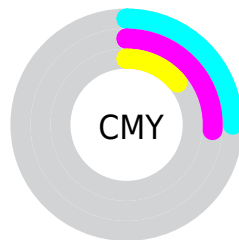
- Red (75%)
- Green (74%)
- Blue (86%)



- Red (75%)
- Yellow (74%)
- Blue (86%)



- Cyan (13%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)



- Cyan (25%)
- Magenta (26%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4696, 52.5860, 74.4025 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 52.4696, 52.5860, 74.4025 by changing the saturation by 10% instead.

■ 52.4696, 52.5860,
74.4025

■ 52.4696, 52.5860,
74.4025

386.5411,
396.6947, 495.0619

■ 37.6053, 37.4724,
54.6248

■ 92.9936, 93.9949,
127.2055

■ 25.8523, 25.5734,
38.7048

119.3839,
121.0590, 161.0679

■ 16.8453, 16.5048,
26.2241

150.3471,
152.8753, 200.4622

■ 10.2189, 9.8821,
16.7641

186.2483,
189.8283, 245.8070

■ 5.6077, 5.3208,
9.9063

227.4529,
232.3023, 297.5208

■ 2.6464, 2.4367,
5.2321

274.3264,

■ 0.9697, 0.8447,

280.6818, 356.0222

2.3229

327.2340,
335.3512, 421.7297

■ 0.0000, 0.0000,
0.7440

■ 0.0000, 0.0000,
0.0000

■ 52.4696, 52.5860,
74.4025

■ 52.4696, 52.5860,
74.4025

■ 43.3231, 41.3988,
72.7261

■ 63.0481, 65.5701,
76.3520

■ 35.5424, 31.9230,
71.3071

■ 75.1115, 80.4184,
78.5822

■ 29.0635, 24.0763,
70.1340

■ 88.7157, 97.2028,
81.1049

■ 23.8149, 17.7666,
69.1928

■ 89.7863, 97.8945,
81.1820

■ 19.7188, 12.8931,
68.4680

■ 16.6880, 9.3424,
67.9424

■ 14.6229, 6.9846,
67.5961

■ 13.4052, 5.6628,
67.4052

■ 12.9766, 5.2126,
67.3409

Harmonies

Analogous

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



49.3679, 52.5860, 76.0891



52.4696, 52.5860, 74.4025



54.9965, 52.5860, 67.9256

Triad

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



52.4696, 52.5860, 74.4025



53.5795, 52.5860, 44.4453



44.2524, 52.5860, 55.5109

Complementary

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



52.4696, 52.5860, 74.4025



63.1340, 69.0902, 58.1548

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.



45.2809, 52.5860, 47.7688



52.4696, 52.5860, 74.4025



50.6000, 52.5860, 41.8211

Square

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



52.4696, 52.5860, 74.4025



55.6557, 52.5860, 50.5286



47.5732, 52.5860, 42.9717



44.7065, 52.5860, 64.5581

Rectangle

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



52.4696, 52.5860, 74.4025



55.9714, 52.5860, 62.0902



47.5732, 52.5860, 42.9717



44.4348, 52.5860, 52.6817

Sweetspot

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



52.4712, 52.5882, 74.4037



88.4655, 91.9027, 107.6841



58.7160, 65.8185, 76.6282



18.6784, 19.3553, 23.0014



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.



52.4712, 52.5882, 74.4037



70.7378, 70.1534, 104.4204



56.3006, 54.5623, 74.5829



12.4186, 12.6584, 16.4409



7.7270, 3.1076, 39.9310



0.5294, 0.2162, 2.5883

Inverse Universe

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



59.9372, 56.4672, 73.3884



82.9528, 76.5007, 102.7248



59.0110, 66.9648, 57.9619



13.5750, 13.2591, 16.2892



23.8307, 11.5333, 35.0840



1.5554, 0.7518, 2.3336

Previews

White Background



This preview shows how the XYZ color 52.4696, 52.5860, 74.4025 looks on a white background.

Color Contrast Check

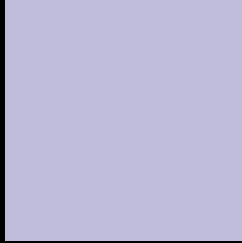
Large Text (above 18pt) WCAG AA × Fail

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 52.4696, 52.5860, 74.4025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

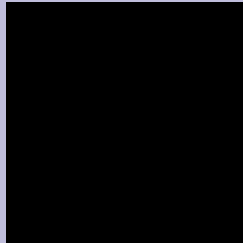
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4696, 52.5860, 74.4025

Background



This preview shows how black text looks on a background with the XYZ color 52.4696, 52.5860, 74.4025.



This preview shows how white text looks on a background with the XYZ color 52.4696, 52.5860,

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

52.4696, 52.5860, 74.4025

Protanopia

51.8252, 52.5590, 75.1236

Deuteranopia

53.5825, 52.5254, 74.3322



Tritanopia

50.7576, 52.5367, 65.8579

Trichromacy



Original Color

52.4696, 52.5860, 74.4025

Protanomaly

52.0708, 52.6856, 75.1351

Deuteranomaly

53.2751, 52.6830, 74.3788

Tritanomaly

51.4065, 52.4772, 69.0477

Monochromacy



Original Color

52.4696, 52.5860, 74.4025

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.2485, 53.1700, 63.4389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4696, 52.5860, 74.4025 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, 189, 219)` looks like.

```
.text, #text, p{  
    color:rgb(191, 189, 219)  
}
```

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, 189, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 189, 219) }
```

Border

The CSS property to change the border of an element to XYZ 52.4696, 52.5860, 74.4025 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, 189, 219) }
```


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

```
.border{ border-color:rgb(191, 189, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 189, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 189, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 189, 219);  
box-shadow:4px 4px 4px 4px rgb(191, 189,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4696, 52.5860, 74.4025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 189, 219) }
```

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

```
.background{ background-color: rgb(191,  
189, 219) }
```

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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