

Converting Colors

XYZ(42.7646, 44.7290, 49.5620)

Have a look what the booklet for
XYZ(42.7646, 44.7290, 49.5620)
contains.

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Color

**XYZ(42.7490, 44.7198,
49.5587)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B2B4
RGB	179, 178, 180
RGB Percent	70%, 70%, 71%
CMY	0.2980, 0.3019, 0.2941
CMYK	0.01, 0.01, 0.00, 0.29
HSL	270°, 1%, 70%
HSV	270°, 1%, 71%
XYZ	42.7490, 44.7198, 49.5587
YIQ	178.5270, -0.0460, 0.8340

Conversions

Conversions Part 2

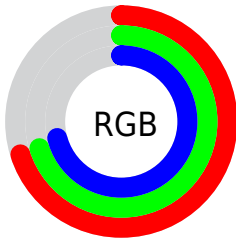
Format	Color
RYB	179, 178, 180
Decimal	11776692
CIELab	72.71, 0.73, -0.90
CIELCh	73, 1.161, 309.018
Yxy	44.7198, 0.3120, 0.3264
Android (android.graphics.Color)	4289966772 (0xFFB3B2B4)
YUV	178.5270, 0.7262, 0.4148
Hunter-Lab	66.8729, -2.9200, 2.8719

Details

The XYZ color **42.7490, 44.7198, 49.5587** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.9493, 45.4418, 48.6293**, and the grayscale version is **42.5935, 44.8117, 48.8000**.

A 20% lighter version of the original color is **78.8241, 82.5639, 91.1388**, and **19.7686, 20.6352, 23.0197** is the 20% darker color. If you saturate the color by 10%, you get **37.3842, 36.9828, 48.3487**, and if you desaturate by 10%, it is **48.7226, 53.4708, 50.9336**.

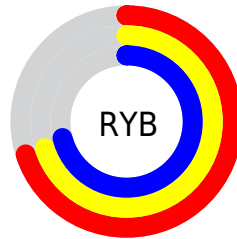
Distribution



Red (70%)

Green (70%)

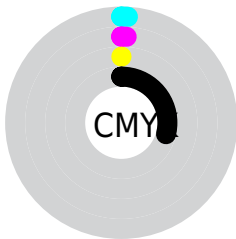
Blue (71%)



Red (70%)

Yellow (70%)

Blue (71%)

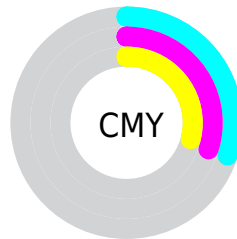


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (29%)



Cyan (30%)

Magenta (30%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7490, 44.7198, 49.5587 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 42.7490, 44.7198, 49.5587 by changing the saturation by 10% instead.

■ 42.7490, 44.7198,
49.5587

■ 42.7490, 44.7198,
49.5587

348.5175,
365.6376, 401.6232

■ 29.8819, 31.2368,
34.6942

■ 78.5900, 82.2998,
90.9102

■ 19.8966, 20.7792,
23.1457

102.2947,
107.1655, 118.2343

■ 12.4277, 12.9627,
14.4948

130.3425,
136.5943, 150.5487

■ 7.1099, 7.4029,
8.3230

163.0990,
170.9705, 188.2718

■ 3.5779, 3.7153,
4.2116

200.9293,
210.6786, 231.8223

■ 1.4662, 1.5156,
1.7421

244.1990,

■ 0.3027, 0.2997,

256.1028, 281.6187

0.3894

293.2733,
307.6277, 338.0794

■ 0.0000, 0.0000,
0.0000

■ 42.7490, 44.7198,
49.5587

■ 42.7490, 44.7198,
49.5587

■ 37.3842, 36.9828,
48.3487

■ 48.7226, 53.4708,
50.9336

■ 32.6035, 30.2164,
47.2946

■ 55.3209, 63.2657,
52.4765

■ 28.3864, 24.3824,
46.3909

■ 62.5638, 74.1403,
54.1937

■ 24.7093, 19.4381,
45.6303

■ 70.4693, 86.1268,
56.0907

■ 21.5470, 15.3371,
45.0054

■ 74.7645, 90.6759,
56.7424

■ 18.8720, 12.0288,
44.5078

■ 77.6350, 92.1557,
56.8767

■ 16.6539, 9.4569,
44.1283

■ 80.6559, 93.7130,
57.0181

■ 14.8583, 7.5574,
43.8563

■ 83.8295, 95.3491,
57.1666

■ 13.4449, 6.2546,
43.6793

■ 85.2383, 96.0753,
57.2326

Harmonies

Analogous

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



42.5655, 44.7198, 49.7954



42.7490, 44.7198, 49.5587



42.8673, 44.7198, 49.0903

Triad

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



42.7490, 44.7198, 49.5587



42.6436, 44.7198, 47.6645



42.1237, 44.7198, 48.8662

Complementary

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



42.7490, 44.7198, 49.5587



42.9493, 45.4418, 48.6293

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.



42.1444, 44.7198, 48.2964



42.7490, 44.7198, 49.5587



42.4442, 44.7198, 47.6055

Square

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



42.7490, 44.7198, 49.5587



42.8063, 44.7198, 47.9976



42.2616, 44.7198, 47.8360



42.2048, 44.7198, 49.3936

Rectangle

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



42.7490, 44.7198, 49.5587



42.8930, 44.7198, 48.7113



42.2616, 44.7198, 47.8360



42.1190, 44.7198, 48.6733

Sweetspot

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



42.7503, 44.7217, 49.5597



78.6606, 82.7571, 90.1225



42.7268, 45.0155, 49.6176



17.0014, 17.8868, 19.4787



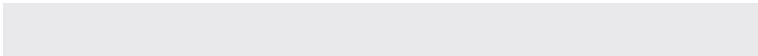
86.6293, 91.1408, 99.2523

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.7503, 44.7217, 49.5597



77.6090, 81.2266, 89.8825



42.9746, 44.8373, 49.5702



9.4338, 9.8779, 10.9157



8.7591, 3.8513, 30.4187



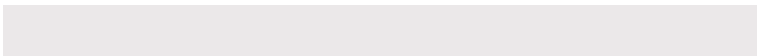
0.3429, 0.1559, 0.9603

Inverse Universe

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



42.8811, 44.8009, 49.0376



77.8266, 81.3582, 89.0144



42.7266, 45.3270, 48.6189



9.4580, 9.8925, 10.8192



14.4637, 7.3030, 7.6017



0.4845, 0.2416, 0.3942

Previews

White Background



This preview shows how the XYZ color 42.7490, 44.7198, 49.5587 looks on a white background.

Color Contrast Check

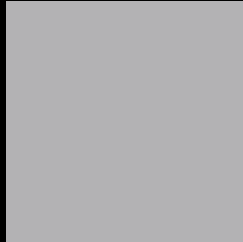
Large Text (above 18pt) WCAG AA × Fail

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 42.7490, 44.7198, 49.5587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

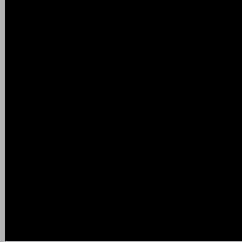
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

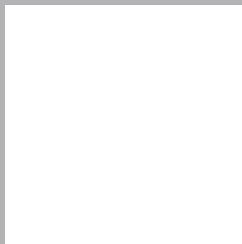
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.7490, 44.7198, 49.5587

Background



This preview shows how black text looks on a background with the XYZ color 42.7490, 44.7198, 49.5587.

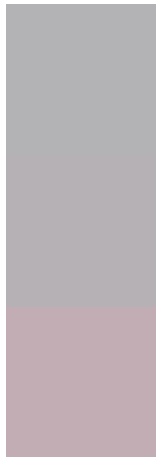


This preview shows how white text looks on a background with the XYZ color 42.7490, 44.7198,

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

42.7490, 44.7198, 49.5587

Protanopia

43.0164, 44.5633, 49.5144

Deuteranopia

45.5322, 44.6927, 49.9428



Tritanopia

43.8757, 44.5921, 55.0098

Trichromacy



Original Color

42.7490, 44.7198, 49.5587

Protanomaly

42.7828, 44.4429, 49.5035

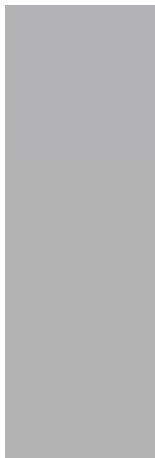
Deuteranomaly

44.6567, 44.8150, 50.0126

Tritanomaly

43.4075, 44.6927, 52.7931

Monochromacy



Original Color

42.7490, 44.7198, 49.5587

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.8472, 45.0786, 49.0906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7490, 44.7198, 49.5587 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(179, 178, 180)` looks like.

```
.text, #text, p{  
    color:rgb(179, 178, 180)  
}
```

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(179, 178, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 178, 180) }
```

Border

The CSS property to change the border of an element to XYZ 42.7490, 44.7198, 49.5587 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(179, 178, 180) }
```

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

```
.border{ border-color:rgb(179, 178, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 178, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 178, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 178, 180);  
box-shadow:4px 4px 4px 4px rgb(179, 178,  
180) }
```


Background

The CSS property to change the background color of an element to XYZ 42.7490, 44.7198, 49.5587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 178, 180) }
```

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

```
.background{ background-color: rgb(179,  
178, 180) }
```

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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