

Converting Colors

XYZ(42.6622, 44.8993, 52.8723)

Have a look what the booklet for
XYZ(42.6622, 44.8993, 52.8723)
contains.

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Color

**XYZ(42.6622, 44.8993,
52.8723)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB3BA
RGB	175, 179, 186
RGB Percent	69%, 70%, 73%
CMY	0.3137, 0.2980, 0.2706
CMYK	0.06, 0.04, 0.00, 0.27
HSL	218°, 7%, 71%
HSV	218°, 6%, 73%
XYZ	42.6622, 44.8993, 52.8723
YIQ	178.6020, -4.6310, 1.3290

Conversions

Conversions Part 2

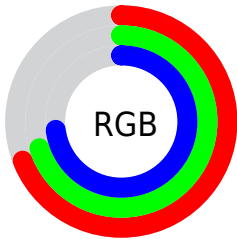
Format	Color
RYB	175, 178, 186
Decimal	11514810
CIELab	72.83, -0.04, -4.05
CIELCh	73, 4.053, 269.440
Yxy	44.8993, 0.3038, 0.3197
Android (android.graphics.Color)	4289704890 (0xFFAFB3BA)
YUV	178.6020, 3.6472, -3.1590
Hunter-Lab	67.0069, -3.6142, 0.1217

Details

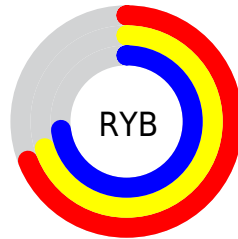
The XYZ color **42.6622, 44.8993, 52.8723** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.7157, 46.9898, 47.2713**, and the grayscale version is **42.6201, 44.8396, 48.8303**.

A 20% lighter version of the original color is **78.6903, 82.8164, 95.8421**, and **19.8629, 20.8261, 25.1633** is the 20% darker color. If you saturate the color by 10%, you get **36.5015, 38.3539, 51.9343**, and if you desaturate by 10%, it is **49.6041, 52.1519, 53.9070**.

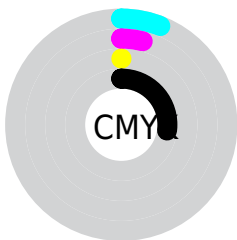
Distribution



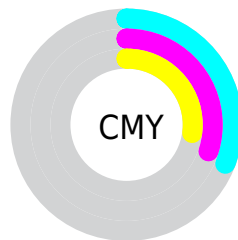
- Red (69%)
- Green (70%)
- Blue (73%)



- Red (69%)
- Yellow (70%)
- Blue (73%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)



- Cyan (31%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6622, 44.8993, 52.8723 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 42.6622, 44.8993, 52.8723 by changing the saturation by 10% instead.

■ 42.6622, 44.8993,
52.8723

■ 42.6622, 44.8993,
52.8723

348.1658,
366.3656, 414.8474

■ 29.8135, 31.3781,
37.3138

■ 78.4598, 82.5693,
95.8561

■ 19.8445, 20.8869,
25.1529

102.1394,
107.4869, 124.1184

■ 12.3896, 13.0414,
15.9709

130.1600,
136.9720, 157.4525

■ 7.0837, 7.4571,
9.3494

162.8870,
171.4092, 196.2768

■ 3.5613, 3.7495,
4.8699

200.6857,
211.1827, 241.0099

■ 1.4571, 1.5345,
2.1137

243.9215,

■ 0.2963, 0.3128,

256.6770, 292.0704

0.6239

292.9598,
308.2765, 349.8767

■ 0.0000, 0.0000,
0.0000

■ 42.6622, 44.8993,
52.8723

■ 42.6622, 44.8993,
52.8723

■ 36.5015, 38.3539,
51.9343

■ 49.6041, 52.1519,
53.9070

■ 31.0896, 32.4878,
51.0873

■ 57.3501, 60.1273,
55.0381

■ 26.3975, 27.2795,
50.3293

■ 65.9272, 68.8474,
56.2692

■ 22.3929, 22.7041,
49.6572

■ 75.3598, 78.3318,
57.6028

■ 19.0407, 18.7349,
49.0677

■ 80.7250, 86.0491,
58.8096

■ 16.3027, 15.3433,
48.5574

■ 84.2869, 93.1729,
59.9969

■ 14.1360, 12.4976,
48.1223

■ 85.8631, 96.3252,
60.5223

■ 12.4918, 10.1627,
47.7583

■ 11.3092, 8.2964,
47.4604

Harmonies

Analogous

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



41.9901, 44.8993, 52.3065



42.6622, 44.8993, 52.8723



43.3450, 44.8993, 52.3462

Triad

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



42.6622, 44.8993, 52.8723



43.8665, 44.8993, 47.0048



41.5191, 44.8993, 46.9408

Complementary

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



42.6622, 44.8993, 52.8723



44.7157, 46.9898, 47.2713

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.



42.0128, 44.8993, 45.5850



42.6622, 44.8993, 52.8723



43.3682, 44.8993, 45.6212

Square

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



42.6622, 44.8993, 52.8723



44.0450, 44.8993, 48.9256



42.6887, 44.8993, 45.1085



41.3346, 44.8993, 48.8498

Rectangle

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



42.6622, 44.8993, 52.8723



43.7133, 44.8993, 51.4551



42.6887, 44.8993, 45.1085



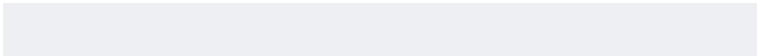
41.6541, 44.8993, 46.4072

Sweetspot

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



42.6635, 44.9012, 52.8733



82.0408, 86.3316, 96.5411



43.6789, 47.6086, 51.1259



18.0951, 19.0413, 21.2642



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



42.6635, 44.9012, 52.8733



75.9129, 79.8919, 95.6210



42.2038, 43.4905, 52.6252



9.0387, 9.5123, 11.4391



7.4063, 5.2723, 31.8804



0.3210, 0.3057, 1.1438

Inverse Universe

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



43.7174, 44.3546, 48.9072



78.1975, 78.7260, 87.0189



45.1927, 48.4701, 47.5319



9.3251, 9.3669, 10.3609



14.3520, 7.3146, 4.4746



0.5362, 0.2700, 0.3170

Previews

White Background



This preview shows how the XYZ color 42.6622, 44.8993, 52.8723 looks on a white background.

Color Contrast Check

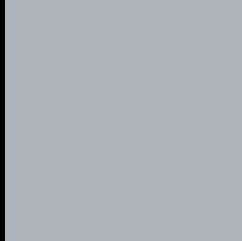
Large Text (above 18pt) WCAG AA × Fail

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 42.6622, 44.8993, 52.8723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

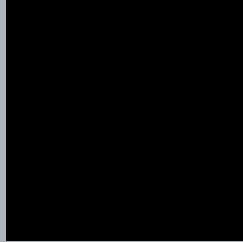
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6622, 44.8993, 52.8723

Background



This preview shows how black text looks on a background with the XYZ color 42.6622, 44.8993, 52.8723.

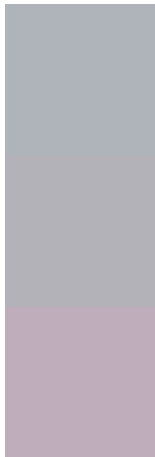


This preview shows how white text looks on a background with the XYZ color 42.6622, 44.8993,

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

42.6622, 44.8993, 52.8723

Protanopia

43.4997, 45.0469, 52.3012

Deuteranopia

45.6514, 44.6815, 53.2320



Tritanopia

43.3393, 44.8767, 56.2470

Trichromacy



Original Color

42.6622, 44.8993, 52.8723

Protanomaly

43.0374, 44.8085, 52.2795

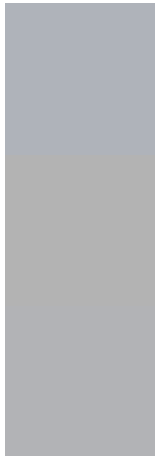
Deuteranomaly

44.5493, 44.6869, 53.2911

Tritanomaly

43.1192, 44.7886, 55.0876

Monochromacy



Original Color

42.6622, 44.8993, 52.8723

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.9237, 45.0826, 50.6955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6622, 44.8993, 52.8723 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(175, 179, 186) looks like.

```
.text, #text, p{  
    color:rgb(175, 179, 186)  
}
```

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(175, 179, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 179, 186) }
```

Border

The CSS property to change the border of an element to XYZ 42.6622, 44.8993, 52.8723 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(175, 179, 186) }
```


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

```
.border{ border-color:rgb(175, 179, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 179, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 179, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 179, 186);  
box-shadow:4px 4px 4px 4px rgb(175, 179,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6622, 44.8993, 52.8723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 179, 186) }
```

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

```
.background{ background-color: rgb(175,  
179, 186) }
```

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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