

Converting Colors

XYZ(42.8619, 43.0329, 62.5331)

Have a look what the booklet for
XYZ(42.8619, 43.0329, 62.5331)
contains.

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Color

**XYZ(42.9566, 43.0832,
62.5517)**

Conversions

Conversions Part 1

Format	Color
Hex	ADADCB
RGB	173, 173, 203
RGB Percent	68%, 68%, 80%
CMY	0.3216, 0.3216, 0.2039
CMYK	0.15, 0.15, 0.00, 0.20
HSL	240°, 22%, 74%
HSV	240°, 15%, 80%
XYZ	42.9566, 43.0832, 62.5517
YIQ	176.4200, -9.6300, 9.3300

Conversions

Conversions Part 2

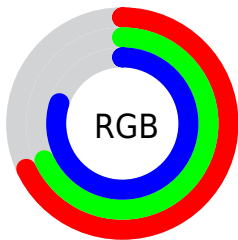
Format	Color
RYB	173, 173, 203
Decimal	11382219
CIELab	71.61, 6.07, -15.21
CIELCh	72, 16.374, 291.768
Yxy	43.0832, 0.2891, 0.2899
Android (android.graphics.Color)	4289572299 (0xFFADADCB)
YUV	176.4200, 13.1039, -2.9993
Hunter-Lab	65.6378, 1.9530, -10.5559

Details

The XYZ color **42.9566, 43.0832, 62.5517** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.5275, 58.4250, 47.9920**, and the grayscale version is **41.4244, 43.5817, 47.4605**.

A 20% lighter version of the original color is **78.1065, 79.3648, 105.8100**, and **20.0079, 19.8377, 31.2083** is the 20% darker color. If you saturate the color by 10%, you get **35.2033, 33.7414, 61.1579**, and if you desaturate by 10%, it is **51.9859, 53.9628, 64.1765**.

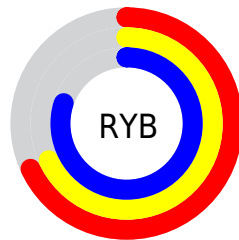
Distribution



Red (68%)

Green (68%)

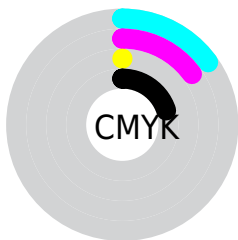
Blue (80%)



Red (68%)

Yellow (68%)

Blue (80%)

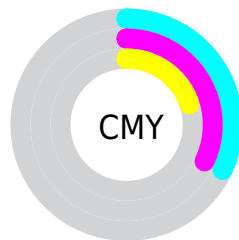


Cyan (15%)

Magenta (15%)

Yellow (0%)

Black (20%)



Cyan (32%)

Magenta (32%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9566, 43.0832, 62.5517 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 42.9566, 43.0832, 62.5517 by changing the saturation by 10% instead.

■ 42.9566, 43.0832,
62.5517

■ 42.9566, 43.0832,
62.5517

349.3578,
358.9538, 452.0038

■ 30.0454, 29.9504,
45.0400

■ 78.9015, 79.8364,
110.1018

■ 20.0213, 19.8009,
31.1457

102.6659,
104.2256, 140.9773

■ 12.5189, 12.2504,
20.4504

130.7788,
133.1357, 177.1444

■ 7.1728, 6.9145,
12.5356

163.6055,
166.9511, 219.0217

■ 3.6177, 3.4087,
6.9826

201.5114,
206.0562, 267.0278

■ 1.4882, 1.3486,
3.3729

244.8619,

■ 0.3178, 0.1784,

250.8355, 321.5811

1.2881

294.0222,
301.6732, 383.1002

■ 0.0000, 0.0000,
0.0520

■ 0.0000, 0.0000,
0.0000

■ 42.9566, 43.0832,
62.5517

■ 42.9566, 43.0832,
62.5517

■ 35.2033, 33.7414,
61.1579

■ 51.9859, 53.9628,
64.1765

■ 28.6648, 25.8630,
59.9818

■ 62.3408, 66.4395,
66.0390

■ 23.2808, 19.3756,
59.0134

■ 74.0733, 80.5760,
68.1492

■ 18.9842, 14.1984,
58.2405

■ 87.2313, 96.4301,
70.5158

■ 15.7010, 10.2423,
57.6500

■ 87.7796, 97.0918,
70.6147

■ 13.3482, 7.4072,
57.2268

■ 11.8295, 5.5772,
56.9536

■ 11.0277, 4.6109,
56.8093

■ 10.7798, 4.3122,
56.7647

Harmonies

Analogous

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



40.1913, 43.0832, 63.6859



42.9566, 43.0832, 62.5517



45.2776, 43.0832, 56.9984

Triad

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



42.9566, 43.0832, 62.5517



44.3349, 43.0832, 35.9186



35.9005, 43.0832, 44.7597

Complementary

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



42.9566, 43.0832, 62.5517



53.5275, 58.4250, 47.9920

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.



36.9060, 43.0832, 38.0888



42.9566, 43.0832, 62.5517



41.7167, 43.0832, 33.3742

Square

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



42.9566, 43.0832, 62.5517



46.0980, 43.0832, 41.4773



39.0055, 43.0832, 34.1213



36.1990, 43.0832, 52.7981

Rectangle

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



42.9566, 43.0832, 62.5517



46.2197, 43.0832, 51.8468



39.0055, 43.0832, 34.1213



36.0955, 43.0832, 42.2975

Sweetspot

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



42.9579, 43.0850, 62.5527



88.2286, 91.7809, 107.6731



49.3102, 55.8848, 64.3766



18.6188, 19.3246, 22.9987



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.



42.9579, 43.0850, 62.5527



67.1987, 66.4418, 103.8905



46.3399, 44.8278, 62.7108



10.6019, 10.8442, 14.1047



6.8602, 2.7443, 36.1244



0.3539, 0.1416, 1.8636

Inverse Universe

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



47.1160, 45.6017, 45.8560



75.5865, 71.5186, 70.2096



49.7619, 56.4847, 47.8159



11.2124, 11.2137, 11.6531



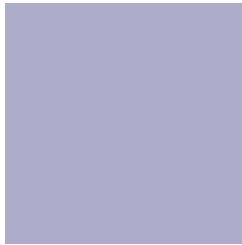
15.6736, 8.0800, 0.7339



0.8086, 0.4168, 0.0379

Previews

White Background



This preview shows how the XYZ color 42.9566, 43.0832, 62.5517 looks on a white background.

Color Contrast Check

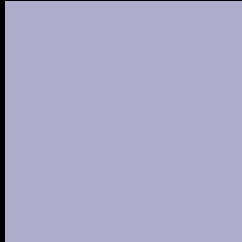
Large Text (above 18pt) WCAG AA × Fail

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 42.9566, 43.0832, 62.5517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

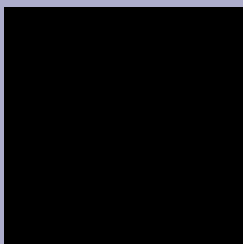
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9566, 43.0832, 62.5517

Background



This preview shows how black text looks on a background with the XYZ color 42.9566, 43.0832, 62.5517.



This preview shows how white text looks on a background with the XYZ color 42.9566, 43.0832,

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

42.9566, 43.0832, 62.5517

Protanopia

42.6127, 43.1778, 63.2150

Deuteranopia

43.9328, 43.0213, 62.4883



Tritanopia

41.3099, 42.9920, 54.2651

Trichromacy



Original Color

42.9566, 43.0832, 62.5517

Protanomaly

42.8297, 43.2897, 63.2251

Deuteranomaly

43.6635, 43.1640, 62.5301

Tritanomaly

41.8869, 42.9378, 57.1191

Monochromacy



Original Color

42.9566, 43.0832, 62.5517

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.8721, 43.3191, 52.6089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9566, 43.0832, 62.5517 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(173, 173, 203)` looks like.

```
.text, #text, p{  
    color:rgb(173, 173, 203)  
}
```

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(173, 173, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 173, 203) }
```

Border

The CSS property to change the border of an element to XYZ 42.9566, 43.0832, 62.5517 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(173, 173, 203) }
```


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

```
.border{ border-color:rgb(173, 173, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 173, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 173, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 173, 203);  
box-shadow:4px 4px 4px 4px rgb(173, 173,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9566, 43.0832, 62.5517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 173, 203) }
```

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

```
.background{ background-color: rgb(173,  
173, 203) }
```

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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