

Converting Colors

XYZ(42.4988, 43.1905, 44.6590)

Have a look what the booklet for
XYZ(42.4988, 43.1905, 44.6590)
contains.

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Color

**XYZ(42.5440, 43.2665,
44.6370)**

Conversions

Conversions Part 1

Format	Color
Hex	BAADAB
RGB	186, 173, 171
RGB Percent	73%, 68%, 67%
CMY	0.2706, 0.3216, 0.3294
CMYK	0.00, 0.07, 0.08, 0.27
HSL	8°, 10%, 70%
HSV	8°, 8%, 73%
XYZ	42.5440, 43.2665, 44.6370
YIQ	176.6590, 8.3900, 2.1340

Conversions

Conversions Part 2

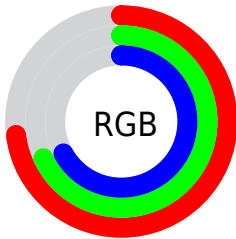
Format	Color
RYB	186, 173, 171
Decimal	12234155
CIELab	71.74, 4.31, 2.69
CIELCh	72, 5.079, 32.042
Yxy	43.2665, 0.3261, 0.3317
Android (android.graphics.Color)	4290424235 (0xFFBAADAB)
YUV	176.6590, -2.7899, 8.1921
Hunter-Lab	65.7773, 0.3416, 5.8094

Details

The XYZ color **42.5440, 43.2665, 44.6370** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.7980, 46.4834, 53.1716**, and the grayscale version is **41.6232, 43.7909, 47.6883**.

A 20% lighter version of the original color is **78.0888, 79.8550, 83.2493**, and **19.8400, 19.9932, 20.2662** is the 20% darker color. If you saturate the color by 10%, you get **37.9885, 36.7956, 34.9783**, and if you desaturate by 10%, it is **47.7243, 50.5866, 55.7359**.

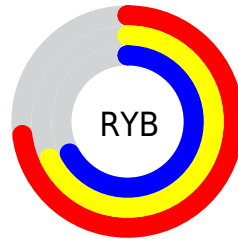
Distribution



Red (73%)

Green (68%)

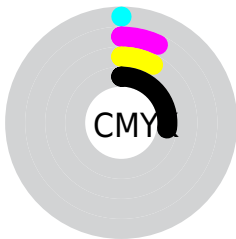
Blue (67%)



Red (73%)

Yellow (68%)

Blue (67%)

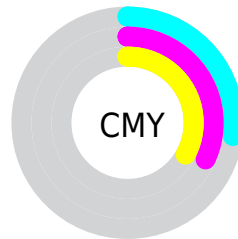


Cyan (0%)

Magenta (7%)

Yellow (8%)

Black (27%)



Cyan (27%)

Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5440, 43.2665, 44.6370 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 42.5440, 43.2665, 44.6370 by changing the saturation by 10% instead.

■ 42.5440, 43.2665,
44.6370

■ 42.5440, 43.2665,
44.6370

347.6865,
359.7066, 381.4186

■ 29.7205, 30.0943,
30.8307

■ 78.2823, 80.1129,
83.4881

■ 19.7735, 19.9102,
20.2126

101.9278,
104.5558, 109.3700

■ 12.3378, 12.3298,
12.3641

129.9113,
133.5244, 140.1142

■ 7.0480, 6.9687,
6.8666

162.5981,
167.4031, 176.1392

■ 3.5388, 3.4425,
3.3016

200.3537,
206.5763, 217.8637

■ 1.4447, 1.3669,
1.2506

243.5434,

■ 0.2877, 0.1921,

251.4283, 265.7060

0.0208

292.5325,
302.3436, 320.0848

■ 0.0000, 0.0000,
0.0000

■ 42.5440, 43.2665,
44.6370

■ 42.5440, 43.2665,
44.6370

■ 37.9885, 36.7956,
34.9783

■ 47.7243, 50.5866,
55.7359

■ 34.0305, 31.1375,
26.6981

■ 53.5480, 58.7792,
68.3278

■ 30.6462, 26.2620,
19.7341

■ 60.0375, 67.8738,
82.4662

■ 27.8088, 22.1342,
14.0185

■ 67.2130, 77.8967,
98.2011

■ 25.4891, 18.7172,
9.4772

■ 73.6103, 88.2798,
107.7678

■ 23.6555, 15.9706,
6.0282

■ 74.0600, 89.1793,
107.9177

■ 22.2727, 13.8498,
3.5790

■ 21.3002, 12.3049,
2.0217

■ 20.6840, 11.2757,
1.1896

Harmonies

Analogous

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



42.8016, 43.2665, 46.9410



42.5440, 43.2665, 44.6370



41.9052, 43.2665, 43.0417

Triad

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



42.5440, 43.2665, 44.6370



39.6773, 43.2665, 44.9201



41.1826, 43.2665, 52.0128

Complementary

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



42.5440, 43.2665, 44.6370



42.7980, 46.4834, 53.1716

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.



40.3516, 43.2665, 51.4267



42.5440, 43.2665, 44.6370



39.4898, 43.2665, 47.2791

Square

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



42.5440, 43.2665, 44.6370



40.2507, 43.2665, 43.2010



39.7350, 43.2665, 49.6724



42.0088, 43.2665, 51.2476

Rectangle

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



42.5440, 43.2665, 44.6370



41.3533, 43.2665, 42.5650



39.7350, 43.2665, 49.6724



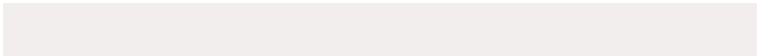
40.8945, 43.2665, 51.9672

Sweetspot

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



42.5452, 43.2684, 44.6379



82.6388, 86.2390, 92.7216



43.4650, 43.0263, 51.3621



18.2201, 19.0219, 20.4653



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.



42.5452, 43.2684, 44.6379



75.2872, 75.8352, 77.0164



44.0234, 46.2248, 45.1307



9.0988, 9.2005, 9.4032



13.8874, 7.5511, 0.7256



0.5209, 0.3289, 0.0360

Inverse Universe

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



42.7980, 46.4834, 53.1716



75.8564, 83.0768, 96.2388



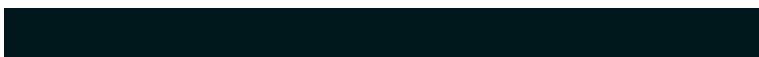
41.2817, 43.4509, 52.6661



9.1616, 10.0005, 11.5269



14.5956, 19.6508, 34.2768



0.5431, 0.7500, 1.2179

Previews

White Background



This preview shows how the XYZ color 42.5440, 43.2665, 44.6370 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 42.5440, 43.2665, 44.6370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

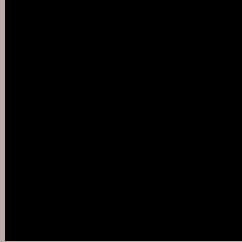
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5440, 43.2665, 44.6370

Background



This preview shows how black text looks on a background with the XYZ color 42.5440, 43.2665, 44.6370.



This preview shows how white text looks on a background with the XYZ color 42.5440, 43.2665,

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

42.5440, 43.2665, 44.6370

Protanopia

41.5988, 43.3418, 45.2030

Deuteranopia

44.0693, 43.1973, 45.0449



Tritanopia

43.9537, 43.2779, 51.3843

Trichromacy



Original Color

42.5440, 43.2665, 44.6370

Protanomaly

41.8738, 43.1957, 45.1603

Deuteranomaly

43.4952, 43.1807, 45.0720

Tritanomaly

43.3827, 43.3245, 48.7238

Monochromacy



Original Color

42.5440, 43.2665, 44.6370

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.0856, 43.8491, 46.8030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5440, 43.2665, 44.6370 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(186, 173, 171)` looks like.

```
.text, #text, p{  
    color:rgb(186, 173, 171)  
}
```

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(186, 173, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 173, 171) }
```

Border

The CSS property to change the border of an element to XYZ 42.5440, 43.2665, 44.6370 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(186, 173, 171) }
```


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

```
.border{ border-color:rgb(186, 173, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 173, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 173, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 173, 171);  
box-shadow:4px 4px 4px 4px rgb(186, 173,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5440, 43.2665, 44.6370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 173, 171) }
```

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

```
.background{ background-color: rgb(186,  
173, 171) }
```

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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