

Converting Colors

XYZ(43.3619, 43.2426, 63.7020)

Have a look what the booklet for
XYZ(43.3619, 43.2426, 63.7020)
contains.

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Color

**XYZ(43.4186, 43.2936,
63.8257)**

Conversions

Conversions Part 1

Format	Color
Hex	AEADCD
RGB	174, 173, 205
RGB Percent	68%, 68%, 80%
CMY	0.3176, 0.3216, 0.1961
CMYK	0.15, 0.16, 0.00, 0.20
HSL	242°, 24%, 74%
HSV	242°, 16%, 80%
XYZ	43.4186, 43.2936, 63.8257
YIQ	176.9470, -9.6760, 10.1640

Conversions

Conversions Part 2

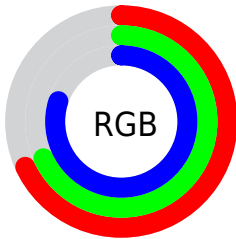
Format	Color
RYB	174, 173, 205
Decimal	11447757
CIELab	71.75, 6.83, -16.08
CIELCh	72, 17.472, 293.008
Yxy	43.2936, 0.2884, 0.2876
Android (android.graphics.Color)	4289637837 (0xFFFAEADC)
YUV	176.9470, 13.8301, -2.5845
Hunter-Lab	65.7979, 2.6420, -11.4544

Details

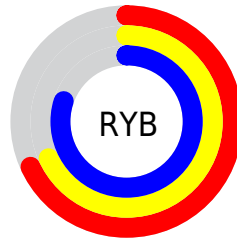
The XYZ color **43.4186, 43.2936, 63.8257** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.2774, 59.5182, 48.1646**, and the grayscale version is **41.6966, 43.8681, 47.7723**.

A 20% lighter version of the original color is **78.4265, 79.5298, 105.8250**, and **20.3084, 19.9741, 32.0632** is the 20% darker color. If you saturate the color by 10%, you get **35.6831, 33.9121, 62.4233**, and if you desaturate by 10%, it is **52.4141, 54.2222, 65.4617**.

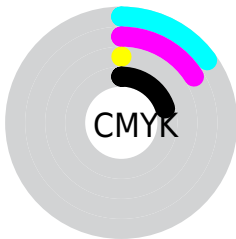
Distribution



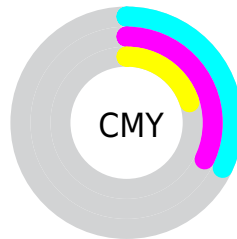
- Red (68%)
- Green (68%)
- Blue (80%)



- Red (68%)
- Yellow (68%)
- Blue (80%)



- Cyan (15%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)



- Cyan (32%)
- Magenta (32%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4186, 43.2936, 63.8257 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 43.4186, 43.2936, 63.8257 by changing the saturation by 10% instead.

■ 43.4186, 43.2936,
63.8257

■ 43.4186, 43.2936,
63.8257

351.2228,
359.8178, 456.7501

■ 30.4096, 30.1155,
46.0642

■ 79.5939, 80.1537,
111.9569

■ 20.2993, 19.9263,
31.9475

103.4910,
104.6046, 143.1638

■ 12.7223, 12.3415,
21.0569

131.7482,
133.5818, 179.6895

■ 7.3133, 6.9767,
12.9740

164.7308,
167.4699, 221.9526

■ 3.7069, 3.4475,
7.2801

202.8042,
206.6531, 270.3717

■ 1.5377, 1.3696,
3.5568

246.3338,

■ 0.3513, 0.1942,

251.5159, 325.3653

1.3855

295.6849,
302.4427, 387.3519

■ 0.0000, 0.0000,
0.1304

■ 0.0000, 0.0000,
0.0000

■ 43.4186, 43.2936,
63.8257

■ 43.4186, 43.2936,
63.8257

■ 35.6831, 33.9121,
62.4233

■ 52.4141, 54.2222,
65.4617

■ 29.1477, 26.0028,
61.2411

■ 62.7181, 66.7576,
67.3382

■ 23.7534, 19.4926,
60.2688

■ 74.3814, 80.9631,
69.4654

■ 19.4347, 14.3000,
59.4942

■ 87.4496, 96.8940,
71.8516

■ 16.1195, 10.3351,
58.9036

■ 88.0196, 97.1878,
71.8783

■ 13.7270, 7.4970,
58.4819

■ 12.1638, 5.6684,
58.2113

■ 11.3162, 4.7058,
58.0702

■ 11.0996, 4.4491,
58.0320

Harmonies

Analogous

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



40.4590, 43.2936, 65.2780



43.4186, 43.2936, 63.8257



45.8740, 43.2936, 57.6644

Triad

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



43.4186, 43.2936, 63.8257



44.6766, 43.2936, 35.2615



35.7449, 43.2936, 45.1793

Complementary

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



43.4186, 43.2936, 63.8257



54.2774, 59.5182, 48.1646

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.



36.7606, 43.2936, 37.9799



43.4186, 43.2936, 63.8257



41.8473, 43.2936, 32.7167

Square

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



43.4186, 43.2936, 63.8257



46.6243, 43.2936, 41.0399



38.9604, 43.2936, 33.6486



36.1206, 43.2936, 53.8151

Rectangle

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



43.4186, 43.2936, 63.8257



46.8471, 43.2936, 52.0747



38.9604, 43.2936, 33.6486



35.9332, 43.2936, 42.5261

Sweetspot

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



43.4199, 43.2954, 63.8267



86.7173, 89.8653, 107.3830



49.9583, 56.7010, 66.0696



18.3199, 18.9417, 22.9405



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.



43.4199, 43.2954, 63.8267



66.2836, 65.0467, 103.6695



47.0833, 45.1839, 63.9981



10.6336, 10.8604, 14.1062



6.9247, 2.7774, 36.1274



0.3688, 0.1493, 1.8643

Inverse Universe

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



51.0209, 47.2277, 63.5554



81.2515, 72.7909, 103.1048



50.2296, 57.4315, 47.9752



11.6719, 11.3975, 14.0726



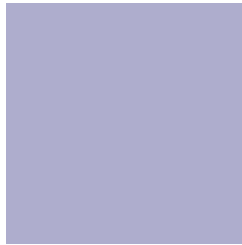
22.0695, 10.6384, 34.4143



1.1434, 0.5508, 1.8010

Previews

White Background



This preview shows how the XYZ color 43.4186, 43.2936, 63.8257 looks on a white background.

Color Contrast Check

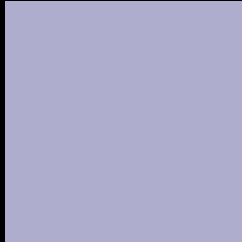
Large Text (above 18pt) WCAG AA × Fail

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 43.4186, 43.2936, 63.8257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

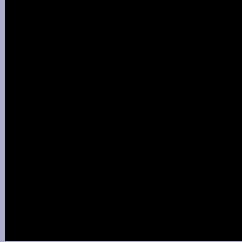
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4186, 43.2936, 63.8257

Background



This preview shows how black text looks on a background with the XYZ color 43.4186, 43.2936, 63.8257.



This preview shows how white text looks on a background with the XYZ color 43.4186, 43.2936,

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

43.4186, 43.2936, 63.8257

Protanopia

42.8542, 43.2744, 64.4867

Deuteranopia

44.1728, 43.1173, 63.7519



Tritanopia

41.6142, 43.4263, 54.9040

Trichromacy



Original Color

43.4186, 43.2936, 63.8257

Protanomaly

43.0712, 43.3863, 64.4968

Deuteranomaly

43.9034, 43.2599, 63.7937

Tritanomaly

42.1936, 43.3707, 57.7773

Monochromacy



Original Color

43.4186, 43.2936, 63.8257

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.3995, 43.8686, 53.2465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4186, 43.2936, 63.8257 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(174, 173, 205)` looks like.

```
.text, #text, p{  
    color:rgb(174, 173, 205)  
}
```

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(174, 173, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 173, 205) }
```

Border

The CSS property to change the border of an element to XYZ 43.4186, 43.2936, 63.8257 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(174, 173, 205) }
```


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

```
.border{ border-color:rgb(174, 173, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 173, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 173, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 173, 205);  
box-shadow:4px 4px 4px 4px rgb(174, 173,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4186, 43.2936, 63.8257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 173, 205) }
```

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

```
.background{ background-color: rgb(174,  
173, 205) }
```

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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