

Converting Colors

XYZ(43.6495, 50.6297, 27.7223)

Have a look what the booklet for
XYZ(43.6495, 50.6297, 27.7223)
contains.

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Color

**XYZ(43.6816, 50.7069,
27.9072)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC280
RGB	187, 194, 128
RGB Percent	73%, 76%, 50%
CMY	0.2667, 0.2392, 0.4980
CMYK	0.04, 0.00, 0.34, 0.24
HSL	66°, 35%, 63%
HSV	66°, 34%, 76%
XYZ	43.6816, 50.7069, 27.9072
YIQ	184.3830, 17.0140, -22.0100

Conversions

Conversions Part 2

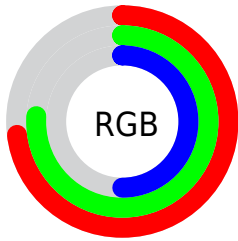
Format	Color
RYB	128, 194, 135
Decimal	12305024
CIELab	76.50, -12.86, 32.44
CIElCh	77, 34.897, 111.619
Yxy	50.7069, 0.3572, 0.4146
Android (android.graphics.Color)	4290495104 (0xFFBBC280)
YUV	184.3830, -27.7968, 2.2951
Hunter-Lab	71.2088, -15.1181, 26.6100

Details

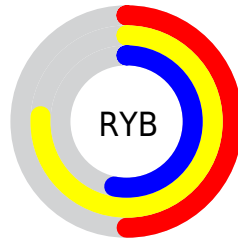
The XYZ color **43.6816, 50.7069, 27.9072** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.4504, 24.4856, 54.3213**, and the grayscale version is **45.9154, 48.3065, 52.6058**.

A 20% lighter version of the original color is **79.8343, 90.9405, 57.0616**, and **20.4261, 24.2928, 10.8201** is the 20% darker color. If you saturate the color by 10%, you get **42.0252, 49.9883, 21.7895**, and if you desaturate by 10%, it is **45.5919, 51.5314, 35.3132**.

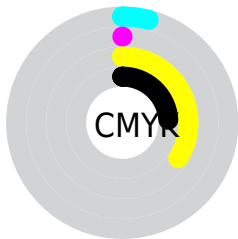
Distribution



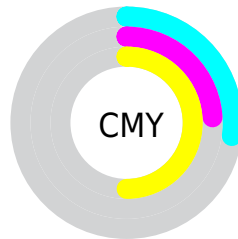
- Red (73%)
- Green (76%)
- Blue (50%)



- Red (50%)
- Yellow (76%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (34%)
- Black (24%)



- Cyan (27%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6816, 50.7069, 27.9072 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 43.6816, 50.7069, 27.9072 by changing the saturation by 10% instead.

■ 43.6816, 50.7069,
27.9072

■ 43.6816, 50.7069,
27.9072

352.2816,
389.4240, 305.9212

■ 30.6171, 35.9754,
18.0173

■ 79.9877, 91.2214,
57.3576

■ 20.4579, 24.4152,
10.7928

■ 103.9601,
117.7731, 77.7551

■ 12.8385, 15.6419,
5.8153

■ 132.2991,
149.0338, 102.4922

■ 7.3937, 9.2711,
2.6661

165.3701,
185.3877, 131.9876

■ 3.7580, 4.9184,
0.9263

203.5385,
227.2193, 166.6596

■ 1.5662, 2.1995,
0.0000

247.1697,

■ 0.3702, 0.7197,

274.9129, 206.9268

0.0000

296.6289,
328.8530, 253.2078

■ 0.0000, 0.0000,
0.0000

■ 43.6816, 50.7069,
27.9072

■ 43.6816, 50.7069,
27.9072

■ 42.0252, 49.9883,
21.7895

■ 45.5919, 51.5314,
35.3132

■ 40.6050, 49.3633,
16.8835

■ 47.7653, 52.4602,
44.0721

■ 39.4068, 48.8279,
13.1092


■ 50.2150, 53.5004,
54.2479


■ 38.4133, 48.3752,
10.3758


■ 52.9521, 54.6564,
65.8994

■ 37.6047, 47.9973,
8.5787


■ 55.9874, 55.9324,
79.0825


 36.9568, 47.6845,
7.5913

 59.3308, 57.3326,
93.8499

 36.6185, 47.5175,
7.2418

 61.5414, 58.2806,
102.6134

 62.1002, 58.5686,
102.6396

 62.6664, 58.8605,
102.6661

Harmonies

Analogous

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



50.0635, 50.7069, 26.5573



43.6816, 50.7069, 27.9072



38.9403, 50.7069, 35.6274

Triad

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



43.6816, 50.7069, 27.9072



40.7574, 50.7069, 88.7737



61.8305, 50.7069, 60.6639

Complementary

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



43.6816, 50.7069, 27.9072



27.4504, 24.4856, 54.3213

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.



58.8118, 50.7069, 80.9093



43.6816, 50.7069, 27.9072



46.3744, 50.7069, 99.3888

Square

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



43.6816, 50.7069, 27.9072



37.3620, 50.7069, 69.6698



53.0099, 50.7069, 96.2228



60.9433, 50.7069, 42.9056

Rectangle

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



43.6816, 50.7069, 27.9072



37.1560, 50.7069, 44.5532



53.0099, 50.7069, 96.2228



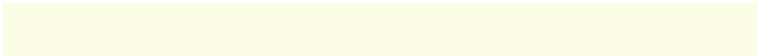
61.2297, 50.7069, 67.4463

Sweetspot

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



43.6829, 50.7092, 27.9083



88.1876, 95.7428, 86.6537



34.7544, 30.2457, 24.4290



19.1758, 20.9088, 18.4128



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.



43.6829, 50.7092, 27.9083



76.8070, 90.8547, 41.8995



36.5926, 47.0540, 27.5765



10.8047, 11.7023, 10.7512



24.1157, 31.2610, 4.7629



1.0728, 1.3666, 0.2072

Inverse Universe

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



27.4504, 24.4856, 54.3213



42.8642, 36.0009, 97.1595



33.5218, 27.6155, 54.6054



9.6253, 9.7980, 12.6687



6.6342, 2.6805, 33.7243



0.3207, 0.1334, 1.4587

Previews

White Background



This preview shows how the XYZ color 43.6816, 50.7069, 27.9072 looks on a white background.

Color Contrast Check

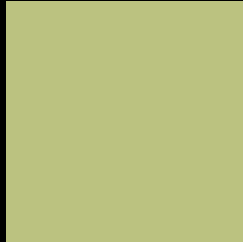
Large Text (above 18pt) WCAG AA × Fail

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 43.6816, 50.7069, 27.9072 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

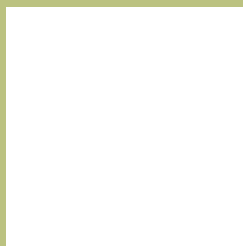
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6816, 50.7069, 27.9072

Background



This preview shows how black text looks on a background with the XYZ color 43.6816, 50.7069, 27.9072.



This preview shows how white text looks on a background with the XYZ color 43.6816, 50.7069,

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

43.6816, 50.7069, 27.9072

Protanopia

46.6510, 50.3102, 26.9907

Deuteranopia

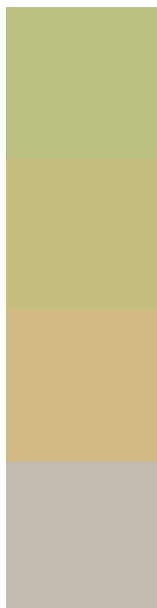
51.4693, 50.2888, 28.4667



Tritanopia

50.5392, 50.6038, 61.7474

Trichromacy



Original Color

43.6816, 50.7069, 27.9072

Protanomaly

45.5329, 50.3650, 27.4002

Deuteranomaly

48.2422, 50.1585, 28.2580

Tritanomaly

47.6155, 50.3599, 47.2552

Monochromacy



Original Color

43.6816, 50.7069, 27.9072

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.6916, 48.9611, 42.2169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6816, 50.7069, 27.9072 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(187, 194, 128)` looks like.

```
.text, #text, p{  
    color:rgb(187, 194, 128)  
}
```

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(187, 194, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 194, 128) }
```

Border

The CSS property to change the border of an element to XYZ 43.6816, 50.7069, 27.9072 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(187, 194, 128) }
```


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

```
.border{ border-color:rgb(187, 194, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 194, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 194, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 194, 128);  
box-shadow:4px 4px 4px 4px rgb(187, 194,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6816, 50.7069, 27.9072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 194, 128) }
```

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

```
.background{ background-color: rgb(187,  
194, 128) }
```

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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