

Converting Colors

XYZ(43.5049, 49.2314, 28.0770)

Have a look what the booklet for
XYZ(43.5049, 49.2314, 28.0770)
contains.

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Color

**XYZ(43.6111, 49.3590,
27.9976)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBE81
RGB	190, 190, 129
RGB Percent	75%, 75%, 51%
CMY	0.2549, 0.2549, 0.4941
CMYK	0.00, 0.00, 0.32, 0.25
HSL	60°, 32%, 63%
HSV	60°, 32%, 75%
XYZ	43.6111, 49.3590, 27.9976
YIQ	183.0460, 19.5810, -18.9710

Conversions

Conversions Part 2

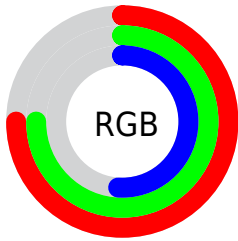
Format	Color
R_{YB}	129, 190, 129
Decimal	12500609
CIE _{Lab}	75.67, -9.50, 30.88
CIE _{LCh}	76, 32.308, 107.101
Yxy	49.3590, 0.3605, 0.4080
Android (android.graphics.Color)	4290690689 (0xFFBEBE81)
YUV	183.0460, -26.6447, 6.0987
Hunter-Lab	70.2560, -12.1448, 25.5516

Details

The XYZ color **43.6111, 49.3590, 27.9976** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.1996, 24.0866, 51.9863**, and the grayscale version is **45.1701, 47.5224, 51.7519**.

A 20% lighter version of the original color is **79.7570, 89.0631, 57.2432**, and **20.5103, 23.6901, 10.8888** is the 20% darker color. If you saturate the color by 10%, you get **42.4640, 48.9018, 21.9532**, and if you desaturate by 10%, it is **44.9956, 49.9146, 35.2810**.

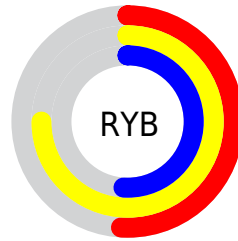
Distribution



Red (75%)

Green (75%)

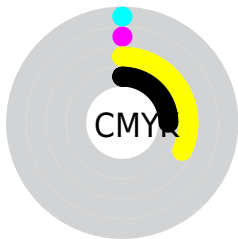
Blue (51%)



Red (51%)

Yellow (75%)

Blue (51%)

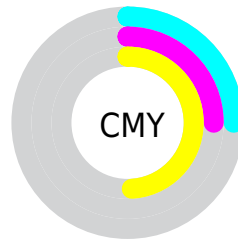


Cyan (0%)

Magenta (0%)

Yellow (32%)

Black (25%)



Cyan (25%)

Magenta (25%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6111, 49.3590, 27.9976 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 43.6111, 49.3590, 27.9976 by changing the saturation by 10% instead.

■ 43.6111, 49.3590,
27.9976

■ 43.6111, 49.3590,
27.9976

351.9980,
384.1539, 306.3670

■ 30.5615, 34.9043,
18.0848

■ 79.8822, 89.2244,
57.5037

■ 20.4153, 23.5892,
10.8408

■ 103.8344,
115.4040, 77.9340

■ 12.8073, 15.0292,
5.8471

■ 132.1515,
146.2606, 102.7074

■ 7.3721, 8.8399,
2.6850

165.1989,
182.1787, 132.2422

■ 3.7443, 4.6369,
0.9359

203.3418,
223.5427, 166.9570

■ 1.5585, 2.0358,
0.0000

246.9458,

■ 0.3651, 0.6282,

270.7370, 207.2704

0.0000

296.3760,
324.1459, 253.6009

■ 0.0000, 0.0000,
0.0000

■ 43.6111, 49.3590,
27.9976

■ 43.6111, 49.3590,
27.9976

■ 42.4640, 48.9018,
21.9532

■ 44.9956, 49.9146,
35.2810

■ 41.5374, 48.5312,
17.0760

■ 46.6258, 50.5667,
43.8636

■ 40.8184, 48.2435,
13.2916


■ 48.5142, 51.3221,
53.8055


■ 40.2909, 48.0325,
10.5158


■ 50.6711, 52.1849,
65.1622


■ 39.9367, 47.8907,
8.6523


■ 53.1067, 53.1592,
77.9859


 39.7338, 47.8096,
7.5859

 55.8304, 54.2487,
92.3264

 39.6473, 47.7749,
7.1318

 57.7023, 54.9975,
102.1821

 57.7027, 54.9977,
102.1821

 57.7030, 54.9979,
102.1821

Harmonies

Analogous

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



49.5302, 49.3590, 27.5946



43.6111, 49.3590, 27.9976



38.9793, 49.3590, 34.2867

Triad

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



43.6111, 49.3590, 27.9976



39.5090, 49.3590, 81.6813



59.0489, 49.3590, 61.4411

Complementary

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



43.6111, 49.3590, 27.9976



26.1996, 24.0866, 51.9863

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.



55.8590, 49.3590, 79.4431



43.6111, 49.3590, 27.9976



44.3921, 49.3590, 92.6939

Square

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



43.6111, 49.3590, 27.9976



36.7528, 49.3590, 64.0288



50.3801, 49.3590, 91.7972



58.7947, 49.3590, 44.6233

Rectangle

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



43.6111, 49.3590, 27.9976



37.0921, 49.3590, 41.9130



50.3801, 49.3590, 91.7972



58.3332, 49.3590, 67.6139

Sweetspot

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



43.6123, 49.3612, 27.9986



85.1160, 91.8803, 82.7888



33.0495, 28.2339, 24.4774



18.5893, 20.1355, 17.6461



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



43.6123, 49.3612, 27.9986



77.4231, 88.8029, 42.2886



36.7752, 45.8366, 27.6787



10.3222, 11.1205, 10.1791



26.3618, 31.7659, 4.7420



1.0326, 1.2443, 0.1857

Inverse Universe

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



26.1996, 24.0866, 51.9863



40.6327, 35.4016, 92.9708



31.5434, 26.8415, 52.2364



9.0166, 9.2254, 11.9777



6.1803, 2.4721, 32.5443



0.2421, 0.0968, 1.2748

Previews

White Background



This preview shows how the XYZ color 43.6111, 49.3590, 27.9976 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 43.6111, 49.3590, 27.9976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

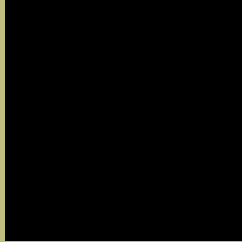
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6111, 49.3590, 27.9976

Background



This preview shows how black text looks on a background with the XYZ color 43.6111, 49.3590, 27.9976.



This preview shows how white text looks on a background with the XYZ color 43.6111, 49.3590,

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

43.6111, 49.3590, 27.9976

Protanopia

45.7468, 49.2067, 27.1654

Deuteranopia

50.1413, 49.0091, 28.2897



Tritanopia

49.9805, 49.4472, 59.1346

Trichromacy



Original Color

43.6111, 49.3590, 27.9976

Protanomaly

44.9553, 49.1049, 27.5309

Deuteranomaly

47.3356, 48.7692, 28.0376

Tritanomaly

47.3010, 49.2786, 46.0484

Monochromacy



Original Color

43.6111, 49.3590, 27.9976

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.4195, 48.2013, 41.6129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6111, 49.3590, 27.9976 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(190, 190, 129)` looks like.

```
.text, #text, p{  
    color:rgb(190, 190, 129)  
}
```

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(190, 190, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 190, 129) }
```

Border

The CSS property to change the border of an element to XYZ 43.6111, 49.3590, 27.9976 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(190, 190, 129) }
```


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

```
.border{ border-color:rgb(190, 190, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 190, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 190, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 190, 129);  
box-shadow:4px 4px 4px 4px rgb(190, 190,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6111, 49.3590, 27.9976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 190, 129) }
```

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

```
.background{ background-color: rgb(190,  
190, 129) }
```

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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