

Converting Colors

XYZ(47.9781, 53.6778, 43.2097)

Have a look what the booklet for
XYZ(47.9781, 53.6778, 43.2097)
contains.

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Color

**XYZ(47.9930, 53.5963,
43.4129)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC5A5
RGB	190, 197, 165
RGB Percent	75%, 77%, 65%
CMY	0.2549, 0.2274, 0.3529
CMYK	0.04, 0.00, 0.16, 0.23
HSL	73°, 22%, 71%
HSV	73°, 16%, 77%
XYZ	47.9930, 53.5963, 43.4129
YIQ	191.2590, 6.1000, -11.4360

Conversions

Conversions Part 2

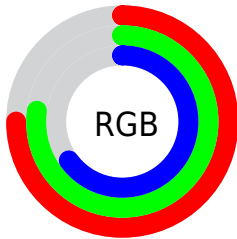
Format	Color
RYB	165, 197, 172
Decimal	12502437
CIELab	78.23, -7.99, 15.26
CIELCh	78, 17.222, 117.651
Yxy	53.5963, 0.3310, 0.3696
Android (android.graphics.Color)	4290692517 (0xFFBEC5A5)
YUV	191.2590, -12.9457, -1.1041
Hunter-Lab	73.2095, -11.0997, 16.0879

Details

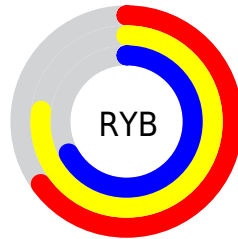
The XYZ color **47.9930, 53.5963, 43.4129** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.5485, 39.7136, 58.3546**, and the grayscale version is **49.7431, 52.3336, 56.9913**.

A 20% lighter version of the original color is **86.3661, 95.6438, 81.6193**, and **22.9564, 26.0714, 19.4451** is the 20% darker color. If you saturate the color by 10%, you get **45.2757, 52.3886, 34.6357**, and if you desaturate by 10%, it is **51.0213, 54.9357, 53.6487**.

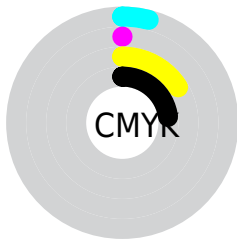
Distribution



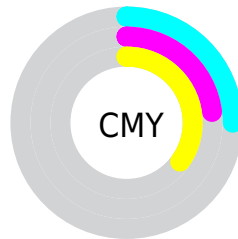
- Red (75%)
- Green (77%)
- Blue (65%)



- Red (65%)
- Yellow (77%)
- Blue (67%)



- Cyan (4%)
- Magenta (0%)
- Yellow (16%)
- Black (23%)



- Cyan (25%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9930, 53.5963, 43.4129 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 47.9930, 53.5963, 43.4129 by changing the saturation by 10% instead.

■ 47.9930, 53.5963,
43.4129

■ 47.9930, 53.5963,
43.4129

369.3474,
400.5687, 376.2781

■ 34.0326, 38.2790,
29.8754

■ 86.4037, 95.4812,
81.6266

■ 23.0816, 26.1993,
19.4928

■ 111.5848,
122.8177, 107.1399

■ 14.7748, 16.9728,
11.8465

141.2367,
154.9293, 137.4822

■ 8.7468, 10.2151,
6.5180

175.7249,
192.2005, 173.0721

■ 4.6322, 5.5418,
3.0887

215.4147,
235.0156, 214.3281

■ 2.0656, 2.5685,
1.1401

260.6715,

■ 0.6704, 0.9109,

283.7591, 261.6687

0.0000

311.8606,
338.8153, 315.5125

■ 0.0000, 0.0000,
0.0000

■ 47.9930, 53.5963,
43.4129

■ 47.9930, 53.5963,
43.4129

■ 45.2757, 52.3886,
34.6357

■ 51.0213, 54.9357,
53.6487

■ 42.8522, 51.3003,
27.2472

■ 54.3683, 56.4044,
65.4018

■ 40.7102, 50.3281,
21.1771

■ 58.0469, 58.0096,
78.7319

■ 38.8344, 49.4661,
16.3474

■ 62.0679, 59.7555,
93.6943

■ 37.2084, 48.7075,
12.6721

■ 65.0417, 61.0863,
102.9705

■ 35.8133, 48.0448,
10.0541

■ 66.2980, 61.7339,
103.0293

■ 34.6275, 47.4693,
8.3803

■ 67.5877, 62.3988,
103.0897

■ 33.6232, 46.9699,
7.5064

■ 68.9110, 63.0810,
103.1516

■ 33.2727, 46.7939,
7.2785

■ 70.2683, 63.7807,
103.2151

Harmonies

Analogous

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



51.2077, 53.5963, 41.7082



47.9930, 53.5963, 43.4129



45.6608, 53.5963, 48.9792

Triad

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



47.9930, 53.5963, 43.4129



47.5522, 53.5963, 75.4825



57.6949, 53.5963, 59.1212

Complementary

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



47.9930, 53.5963, 43.4129



40.5485, 39.7136, 58.3546

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.



56.6148, 53.5963, 68.8619



47.9930, 53.5963, 43.4129



50.6765, 53.5963, 78.9347

Square

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



47.9930, 53.5963, 43.4129



45.4143, 53.5963, 67.4011



54.0087, 53.5963, 76.3891



56.9003, 53.5963, 50.1609

Rectangle

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



47.9930, 53.5963, 43.4129



44.8698, 53.5963, 54.4774



54.0087, 53.5963, 76.3891



57.5380, 53.5963, 62.4171

Sweetspot

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



47.9944, 53.5986, 43.4141



92.0454, 98.6804, 98.3973



44.5592, 44.0682, 41.7555



19.6137, 21.0830, 20.7573



0.0000, 0.0000, 0.0000



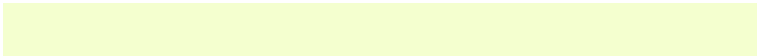
20.3446, 21.4041, 23.3091

Same Dimension

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



47.9944, 53.5986, 43.4141



84.4134, 95.3071, 72.6905



44.2300, 51.6580, 43.2379



11.2880, 12.2954, 11.3411



21.9572, 30.8146, 4.7906



1.0976, 1.4890, 0.2295

Inverse Universe

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



40.5485, 39.7136, 58.3546



68.9149, 66.4032, 103.7926



44.2576, 41.6257, 58.5282



10.2701, 10.3975, 13.3831



7.3465, 3.0215, 34.9404



0.4117, 0.1760, 1.6574

Previews

White Background



This preview shows how the XYZ color 47.9930, 53.5963, 43.4129 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 47.9930, 53.5963, 43.4129 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

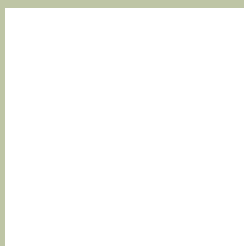
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.9930, 53.5963, 43.4129

Background



This preview shows how black text looks on a background with the XYZ color 47.9930, 53.5963, 43.4129.



This preview shows how white text looks on a background with the XYZ color 47.9930, 53.5963,

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

47.9930, 53.5963, 43.4129

Protanopia

50.5827, 53.6216, 42.3344

Deuteranopia

54.3528, 53.2800, 43.9786



Tritanopia

52.5363, 53.4536, 65.9411

Trichromacy



Original Color

47.9930, 53.5963, 43.4129

Protanomaly

49.5458, 53.4060, 42.8190

Deuteranomaly

51.8747, 53.2817, 43.6267

Tritanomaly

50.7221, 53.3709, 56.9185

Monochromacy



Original Color

47.9930, 53.5963, 43.4129

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.9993, 52.5937, 51.8250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9930, 53.5963, 43.4129 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, 197, 165)` looks like.

```
.text, #text, p{  
    color:rgb(190, 197, 165)  
}
```

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, 197, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 197, 165) }
```

Border

The CSS property to change the border of an element to XYZ 47.9930, 53.5963, 43.4129 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, 197, 165) }
```


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

```
.border{ border-color:rgb(190, 197, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 197, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 197, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 197, 165);  
box-shadow:4px 4px 4px 4px rgb(190, 197,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9930, 53.5963, 43.4129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 197, 165) }
```

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

```
.background{ background-color: rgb(190,  
197, 165) }
```

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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