

Converting Colors

XYZ(43.4910, 48.8197, 42.5907)

Have a look what the booklet for
XYZ(43.4910, 48.8197, 42.5907)
contains.

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Color

**XYZ(43.5651, 49.0085,
42.7608)**

Conversions

Conversions Part 1

Format	Color
Hex	B2BEA5
RGB	178, 190, 165
RGB Percent	70%, 75%, 65%
CMY	0.3020, 0.2549, 0.3529
CMYK	0.06, 0.00, 0.13, 0.25
HSL	89°, 16%, 70%
HSV	89°, 13%, 75%
XYZ	43.5651, 49.0085, 42.7608
YIQ	183.5620, 0.8730, -10.3190

Conversions

Conversions Part 2

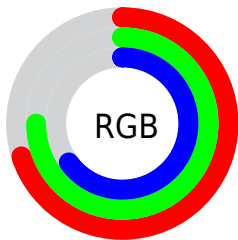
Format	Color
RYB	165, 190, 177
Decimal	11714213
CIELab	75.46, -8.70, 11.22
CIELCh	75, 14.198, 127.781
Yxy	49.0085, 0.3219, 0.3621
Android (android.graphics.Color)	4289904293 (0xFFB2BEA5)
YUV	183.5620, -9.1511, -4.8779
Hunter-Lab	70.0061, -11.4293, 12.7890

Details

The XYZ color **43.5651, 49.0085, 42.7608** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.8828, 39.9764, 54.2792**, and the grayscale version is **45.3681, 47.7308, 51.9788**.

A 20% lighter version of the original color is **79.8057, 88.5713, 80.5999**, and **20.3837, 23.4435, 19.0735** is the 20% darker color. If you saturate the color by 10%, you get **39.9391, 47.3259, 34.2244**, and if you desaturate by 10%, it is **47.5899, 50.8699, 52.6591**.

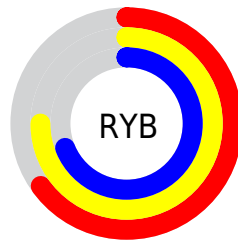
Distribution



Red (70%)

Green (75%)

Blue (65%)



Red (65%)

Yellow (75%)

Blue (69%)

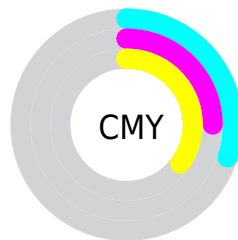


Cyan (6%)

Magenta (0%)

Yellow (13%)

Black (25%)



Cyan (30%)

Magenta (25%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5651, 49.0085, 42.7608 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 43.5651, 49.0085, 42.7608 by changing the saturation by 10% instead.

■ 43.5651, 49.0085,
42.7608

■ 43.5651, 49.0085,
42.7608

351.8129,
382.7758, 373.5194

■ 30.5252, 34.6262,
29.3675

■ 79.8133, 88.7041,
80.6323

■ 20.3876, 23.3751,
19.1110

■ 103.7524,
114.7862, 105.9475

■ 12.7870, 14.8707,
11.5729

132.0552,
145.5370, 136.0737

■ 7.3580, 8.7287,
6.3346

165.0871,
181.3409, 171.4295

■ 3.7353, 4.5647,
2.9775

203.2134,
222.5824, 212.4335

■ 1.5535, 1.9942,
1.0832

246.7996,

■ 0.3618, 0.6041,

269.6457, 259.5041

0.0000

296.2110,
322.9154, 313.0599

■ 0.0000, 0.0000,
0.0000

■ 43.5651, 49.0085,
42.7608

■ 43.5651, 49.0085,
42.7608

■ 39.9391, 47.3259,
34.2244

■ 47.5899, 50.8699,
52.6591

■ 36.6940, 45.8098,
26.9871

■ 52.0229, 52.9094,
63.9721

■ 33.8162, 44.4561,
20.9860

■ 56.8777, 55.1343,
76.7535

■ 31.2897, 43.2580,
16.1516

■ 62.1664, 57.5497,
91.0534

■ 29.0970, 42.2082,
12.4077

■ 67.0842, 59.8339,
102.6211

■ 27.2190, 41.2988,
9.6687

■ 69.9813, 61.3274,
102.7567

■ 25.6338, 40.5205,
7.8366

■ 73.0322, 62.9002,
102.8995

■ 24.3159, 39.8628,
6.7934

■ 76.2393, 64.5536,
103.0496

■ 23.5367, 39.4695,
6.3779

■ 77.7044, 65.3089,
103.1181

Harmonies

Analogous

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



45.9030, 49.0085, 40.3163



43.5651, 49.0085, 42.7608



42.0753, 49.0085, 48.0946

Triad

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



43.5651, 49.0085, 42.7608



44.7036, 49.0085, 67.8494



51.7480, 49.0085, 51.4340

Complementary

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



43.5651, 49.0085, 42.7608



40.8828, 39.9764, 54.2792

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.



51.3976, 49.0085, 59.0004



43.5651, 49.0085, 42.7608



47.2659, 49.0085, 68.9558

Square

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



43.5651, 49.0085, 42.7608



42.7153, 49.0085, 62.6891



49.7332, 49.0085, 65.5846



50.6734, 49.0085, 45.0091

Rectangle

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



43.5651, 49.0085, 42.7608



41.7306, 49.0085, 52.8058



49.7332, 49.0085, 65.5846



51.7937, 49.0085, 53.9220

Sweetspot

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



43.5664, 49.0106, 42.7619



85.5449, 91.8605, 93.6927



43.6850, 44.9783, 41.9773



18.6583, 20.1133, 20.2581



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.



43.5664, 49.0106, 42.7619



76.8314, 87.8301, 72.4323



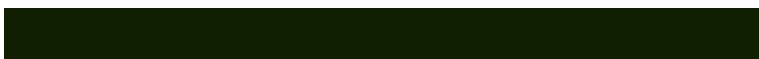
40.8974, 47.6347, 42.6370



9.8692, 10.8870, 10.1579



15.7409, 26.2906, 4.2450



0.6917, 1.0686, 0.1698

Inverse Universe

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



40.8828, 39.9764, 54.2792



70.9506, 68.0328, 97.6713



43.7789, 41.4694, 54.4148



9.4406, 9.4440, 11.9975



9.1528, 4.0045, 32.6834



0.4341, 0.1958, 1.2838

Previews

White Background



This preview shows how the XYZ color 43.5651, 49.0085, 42.7608 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 43.5651, 49.0085, 42.7608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

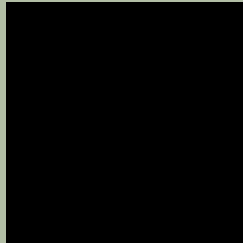
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

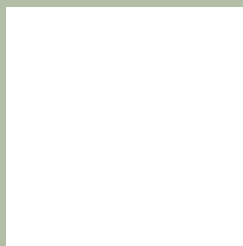
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5651, 49.0085, 42.7608

Background



This preview shows how black text looks on a background with the XYZ color 43.5651, 49.0085, 42.7608.



This preview shows how white text looks on a background with the XYZ color 43.5651, 49.0085,

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

43.5651, 49.0085, 42.7608

Protanopia

46.2080, 48.8116, 41.6365

Deuteranopia

49.6735, 48.7319, 43.3473



Tritanopia

47.3027, 48.9353, 61.5959

Trichromacy



Original Color

43.5651, 49.0085, 42.7608

Protanomaly

45.2102, 48.9123, 42.1802

Deuteranomaly

47.1051, 48.6259, 42.9794

Tritanomaly

45.7960, 48.9523, 54.0487

Monochromacy



Original Color

43.5651, 49.0085, 42.7608

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.7861, 48.2372, 48.5452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5651, 49.0085, 42.7608 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(178, 190, 165)` looks like.

```
.text, #text, p{  
    color:rgb(178, 190, 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(178, 190, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 190, 165) }
```

Border

The CSS property to change the border of an element to XYZ 43.5651, 49.0085, 42.7608 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(178, 190, 165) }
```


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

```
.border{ border-color:rgb(178, 190, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 190, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 190, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 190, 165);  
box-shadow:4px 4px 4px 4px rgb(178, 190,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5651, 49.0085, 42.7608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 190, 165) }
```

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

```
.background{ background-color: rgb(178,  
190, 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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