

Converting Colors

XYZ(43.8571, 40.5965, 36.0962)

Have a look what the booklet for
XYZ(43.8571, 40.5965, 36.0962)
contains.

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Color

**XYZ(43.8571, 40.5965,
36.0962)**

Conversions

Conversions Part 1

Format	Color
Hex	CEA09A
RGB	206, 160, 154
RGB Percent	81%, 63%, 60%
CMY	0.1922, 0.3725, 0.3961
CMYK	0.00, 0.22, 0.25, 0.19
HSL	7°, 35%, 71%
HSV	7°, 25%, 81%
XYZ	43.8571, 40.5965, 36.0962
YIQ	173.0700, 29.3420, 7.8860

Conversions

Conversions Part 2

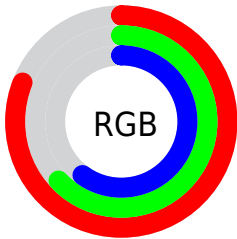
Format	Color
R _Y B	206, 161, 154
Decimal	13541530
CIE Lab	69.89, 16.14, 9.67
CIE LCh	70, 18.820, 30.921
Yxy	40.5965, 0.3638, 0.3368
Android (android.graphics.Color)	4291731610 (0xFFCEA09A)
YUV	173.0700, -9.4015, 28.8796
Hunter-Lab	63.7154, 11.3647, 11.0116

Details

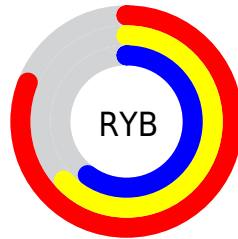
The XYZ color **43.8571, 40.5965, 36.0962** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.1206, 52.6332, 66.1738**, and the grayscale version is **39.7930, 41.8654, 45.5914**.

A 20% lighter version of the original color is **76.9256, 74.4149, 69.9836**, and **20.5732, 18.2837, 15.2767** is the 20% darker color. If you saturate the color by 10%, you get **39.3559, 34.1081, 26.8451**, and if you desaturate by 10%, it is **49.1179, 48.1324, 47.0540**.

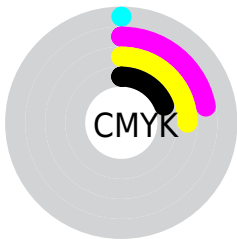
Distribution



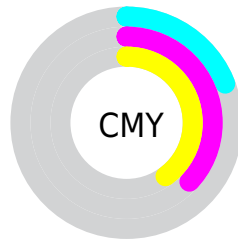
- Red (81%)
- Green (63%)
- Blue (60%)



- Red (81%)
- Yellow (63%)
- Blue (60%)



- Cyan (0%)
- Magenta (22%)
- Yellow (25%)
- Black (19%)





- Cyan (19%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8571, 40.5965, 36.0962 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 43.8571, 40.5965, 36.0962 by changing the saturation by 10% instead.

 43.8571, 40.5965,
36.0962

 43.8571, 40.5965,
36.0962


352.9869,
348.6314, 344.4309

 30.7556, 28.0039,
24.2182

 80.2503, 76.0710,
70.3512

 20.5637, 18.3286,
15.2819


 104.2728, 99.7217,
93.5654

 12.9161, 11.1862,
8.8686


132.6663,
127.8272, 121.3953

 7.4474, 6.1922,
4.5600

165.7962,
160.7720, 154.2596

 3.7923, 2.9623,
1.9373

204.0279,
198.9404, 192.5768

 1.5853, 1.1121,
0.5163

247.7266,

 0.3828, 0.0000,

242.7169, 236.7653

0.0000

297.2579,
292.4857, 287.2439

■ 0.0000, 0.0000,
0.0000

■ 43.8571, 40.5965,
36.0962

■ 43.8571, 40.5965,
36.0962

■ 39.3559, 34.1081,
26.8451

■ 49.1179, 48.1324,
47.0540

■ 35.5760, 28.6154,
19.2124

■ 55.1679, 56.7534,
59.7959

■ 32.4806, 24.0708,
13.1056

■ 62.0390, 66.5022,
74.3975

■ 30.0283, 20.4203,
8.4217

■ 69.7604, 77.4174,
90.9291

■ 28.1731, 17.6046,
5.0452

■ 78.0360, 89.4065,
107.7520

■ 26.8629, 15.5571,
2.8423

■ 79.2637, 91.8618,
108.1612

■ 26.0362, 14.2010,
1.6503

■ 25.7759, 13.7663,
1.2986

Harmonies

Analogous

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



44.7734, 40.5965, 43.9323



43.8571, 40.5965, 36.0962



41.5168, 40.5965, 31.0498

Triad

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



43.8571, 40.5965, 36.0962



33.6682, 40.5965, 36.5078



38.6804, 40.5965, 63.2845

Complementary

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



43.8571, 40.5965, 36.0962



45.1206, 52.6332, 66.1738

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.



35.7960, 40.5965, 60.6271



43.8571, 40.5965, 36.0962



32.9962, 40.5965, 44.4742

Square

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



43.8571, 40.5965, 36.0962



35.6403, 40.5965, 31.2644



33.7547, 40.5965, 53.4402



41.6891, 40.5965, 60.2932

Rectangle

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



43.8571, 40.5965, 36.0962



39.5217, 40.5965, 29.5625



33.7547, 40.5965, 53.4402



37.6647, 40.5965, 63.0195

Sweetspot

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



43.8582, 40.5984, 36.0970



86.4489, 87.7777, 90.6810



47.5286, 40.4411, 60.4361



18.1782, 18.3246, 18.7232



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.



43.8582, 40.5984, 36.0970



67.1672, 60.1766, 50.4583



48.6774, 50.2369, 37.7035



11.3149, 11.4188, 11.6871



15.9087, 8.5504, 0.8119



0.8565, 0.5127, 0.0538

Inverse Universe

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



45.1206, 52.6332, 66.1738



69.5316, 82.7574, 106.9168



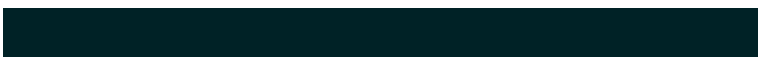
39.7585, 41.9088, 64.3864



11.4284, 12.4972, 14.3802



17.2335, 23.4909, 39.5822



0.9212, 1.2761, 2.0527

Previews

White Background



This preview shows how the XYZ color 43.8571, 40.5965, 36.0962 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 43.8571, 40.5965, 36.0962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

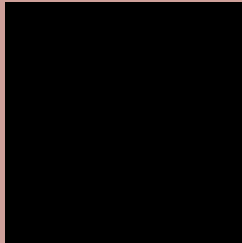
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8571, 40.5965, 36.0962

Background



This preview shows how black text looks on a background with the XYZ color 43.8571, 40.5965, 36.0962.



This preview shows how white text looks on a background with the XYZ color 43.8571, 40.5965,

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

43.8571, 40.5965, 36.0962

Protanopia

38.8514, 40.6346, 39.0533

Deuteranopia

41.4530, 40.6795, 35.8041



Tritanopia

45.4950, 40.7659, 43.5010

Trichromacy



Original Color

43.8571, 40.5965, 36.0962

Protanomaly

40.5468, 40.4324, 38.0149

Deuteranomaly

42.1357, 40.5001, 35.7335

Tritanomaly

44.8311, 40.7420, 40.6231

Monochromacy



Original Color

43.8571, 40.5965, 36.0962

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.8931, 41.0727, 41.8489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8571, 40.5965, 36.0962 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(206, 160, 154)` looks like.

```
.text, #text, p{  
    color:rgb(206, 160, 154)  
}
```

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(206, 160, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 160, 154) }
```

Border

The CSS property to change the border of an element to XYZ 43.8571, 40.5965, 36.0962 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(206, 160, 154) }
```


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

```
.border{ border-color:rgb(206, 160, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 160, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 160, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 160, 154);  
box-shadow:4px 4px 4px 4px rgb(206, 160,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8571, 40.5965, 36.0962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 160, 154) }
```

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

```
.background{ background-color: rgb(206,  
160, 154) }
```

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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