

Converting Colors

XYZ(51.3467, 43.3476, 41.1858)

Have a look what the booklet for
XYZ(51.3467, 43.3476, 41.1858)
contains.

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Color

**XYZ(51.3131, 43.3165,
41.2537)**

Conversions

Conversions Part 1

Format	Color
Hex	E69CA5
RGB	230, 156, 165
RGB Percent	90%, 61%, 65%
CMY	0.0980, 0.3882, 0.3529
CMYK	0.00, 0.32, 0.28, 0.10
HSL	353°, 60%, 76%
HSV	353°, 32%, 90%
XYZ	51.3131, 43.3165, 41.2537
YIQ	179.1520, 41.2150, 18.4870

Conversions

Conversions Part 2

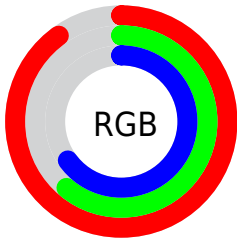
Format	Color
R _Y B	230, 156, 165
Decimal	15113381
CIE Lab	71.77, 28.81, 6.61
CIE LCh	72, 29.562, 12.912
Yxy	43.3165, 0.3776, 0.3188
Android (android.graphics.Color)	4293303461 (0xFFE69CA5)
YUV	179.1520, -6.9769, 44.5937
Hunter-Lab	65.8153, 23.9914, 8.9071

Details

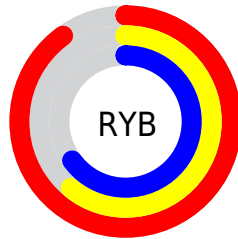
The XYZ color **51.3131, 43.3165, 41.2537** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.0601, 68.8830, 78.8039**, and the grayscale version is **42.9504, 45.1872, 49.2088**.

A 20% lighter version of the original color is **77.4525, 73.0158, 77.7214**, and **25.1645, 19.9771, 18.1524** is the 20% darker color. If you saturate the color by 10%, you get **46.1167, 35.6377, 31.1542**, and if you desaturate by 10%, it is **57.5331, 52.5770, 53.1286**.

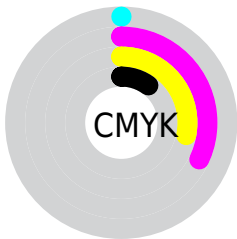
Distribution



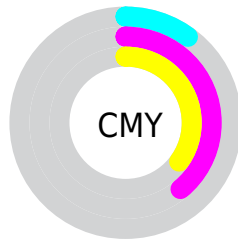
- Red (90%)
- Green (61%)
- Blue (65%)



- Red (90%)
- Yellow (61%)
- Blue (65%)



- Cyan (0%)
- Magenta (32%)
- Yellow (28%)
- Black (10%)





- Cyan (10%)
- Magenta (39%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3131, 43.3165, 41.2537 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 51.3131, 43.3165, 41.2537 by changing the saturation by 10% instead.


 51.3131, 43.3165,
41.2537


 51.3131, 43.3165,
41.2537


382.1467,
359.9118, 367.0878

 36.6799, 30.1335,
28.1962


 91.2977, 80.1883,
78.3267

 25.1323, 19.9400,
18.2333


 117.3797,
104.6458, 103.1793

 16.3049, 12.3514,
10.9464

148.0088,
133.6304, 132.8007

 9.8324, 6.9835,
5.9171

183.5502,
167.5263, 167.6093

 5.3494, 3.4518,
2.7268

224.3694,
206.7180, 208.0238

 2.4905, 1.3719,
0.9569

270.8316,

 0.8905, 0.1959,

251.5899, 254.4627

0.0000

323.3022,
302.5263, 307.3445

■ 0.0000, 0.0000,
0.0000

■ 51.3131, 43.3165,
41.2537

■ 51.3131, 43.3165,
41.2537

■ 46.1167, 35.6377,
31.1542

■ 57.5331, 52.5770,
53.1286

■ 41.8855, 29.4464,
22.7421

■ 64.8240, 63.4944,
66.8559

■ 38.5604, 24.6478,
15.9257

■ 73.2344, 76.1464,
82.5113

■ 36.0744, 21.1335,
10.6034

■ 82.8089, 90.6040,
100.1654

■ 34.3512, 18.7793,
6.6619

■ 86.4432, 95.5630,
108.4972

■ 33.3001, 17.4360,
3.9713

■ 32.8423, 16.9067,
2.6285

Harmonies

Analogous

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



51.1025, 43.3165, 55.7616



51.3131, 43.3165, 41.2537



48.6520, 43.3165, 30.7367

Triad

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



51.3131, 43.3165, 41.2537



34.9431, 43.3165, 29.6783



38.3996, 43.3165, 78.8254

Complementary

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



51.3131, 43.3165, 41.2537



55.0601, 68.8830, 78.8039

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.



34.4991, 43.3165, 68.5983



51.3131, 43.3165, 41.2537



32.6176, 43.3165, 39.4994

Square

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



51.3131, 43.3165, 41.2537



39.0519, 43.3165, 25.0268



32.4620, 43.3165, 53.6141



43.3655, 43.3165, 79.5620

Rectangle

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



51.3131, 43.3165, 41.2537



45.7242, 43.3165, 26.5874



32.4620, 43.3165, 53.6141



36.9307, 43.3165, 76.3013

Sweetspot

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



51.3143, 43.3186, 41.2546



84.0487, 83.4361, 88.4664



55.7283, 44.7287, 80.5594



17.6840, 17.3993, 18.3638



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.



51.3143, 43.3186, 41.2546



60.0875, 47.6999, 42.9102



55.5962, 53.1471, 38.7832



14.4479, 14.3964, 15.2931



18.6170, 9.5810, 1.6121



1.3992, 0.7174, 0.2428

Inverse Universe

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



51.3143, 43.3186, 41.2546



60.0875, 47.6999, 42.9102



49.3194, 55.4317, 82.9631



14.4479, 14.3964, 15.2931



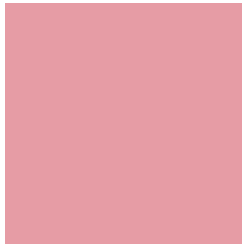
18.6170, 9.5810, 1.6121



1.3992, 0.7174, 0.2428

Previews

White Background



This preview shows how the XYZ color 51.3131, 43.3165, 41.2537 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 51.3131, 43.3165, 41.2537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

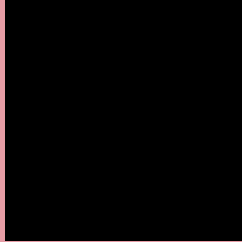
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.3131, 43.3165, 41.2537

Background



This preview shows how black text looks on a background with the XYZ color 51.3131, 43.3165, 41.2537.



This preview shows how white text looks on a background with the XYZ color 51.3131, 43.3165,

41.2537.

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

51.3131, 43.3165, 41.2537

Protanopia

41.7569, 43.3782, 47.2463

Deuteranopia

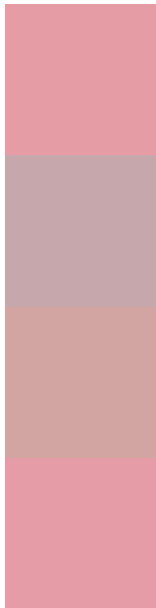
44.1850, 43.3639, 40.2237



Tritanopia

51.4966, 43.3899, 42.2201

Trichromacy



Original Color

51.3131, 43.3165, 41.2537

Protanomaly

44.7377, 42.9896, 44.9696

Deuteranomaly

46.6443, 43.2562, 40.5412

Tritanomaly

51.4045, 43.3531, 41.7351

Monochromacy



Original Color

51.3131, 43.3165, 41.2537

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.4916, 44.1876, 46.1758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3131, 43.3165, 41.2537 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(230, 156, 165)` looks like.

```
.text, #text, p{  
    color:rgb(230, 156, 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(230, 156, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 156, 165) }
```

Border

The CSS property to change the border of an element to XYZ 51.3131, 43.3165, 41.2537 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(230, 156, 165) }
```


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

```
.border{ border-color:rgb(230, 156, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 156, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 156, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 156, 165);  
box-shadow:4px 4px 4px 4px rgb(230, 156,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3131, 43.3165, 41.2537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 156, 165) }
```

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

```
.background{ background-color: rgb(230,  
156, 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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