

Converting Colors

XYZ(49.1618, 42.8146, 35.5831)

Have a look what the booklet for
XYZ(49.1618, 42.8146, 35.5831)
contains.

XYZ(49.2584, 42.8895, 35.3881)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(49.2584, 42.8895,
35.3881)**

Conversions

Conversions Part 1

Format	Color
Hex	E29E98
RGB	226, 158, 152
RGB Percent	89%, 62%, 60%
CMY	0.1137, 0.3804, 0.4039
CMYK	0.00, 0.30, 0.33, 0.11
HSL	5°, 56%, 74%
HSV	5°, 33%, 89%
XYZ	49.2584, 42.8895, 35.3881
YIQ	177.6480, 42.4540, 12.5500

Conversions

Conversions Part 2

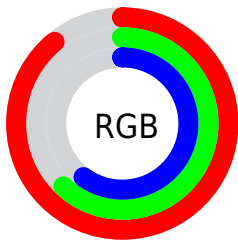
Format	Color
R _Y B	226, 159, 152
Decimal	14851736
CIE Lab	71.48, 24.55, 13.32
CIE LCh	71, 27.933, 28.478
Yxy	42.8895, 0.3862, 0.3363
Android (android.graphics.Color)	4293041816 (0xFFE29E98)
YUV	177.6480, -12.6445, 42.4047
Hunter-Lab	65.4901, 19.6513, 13.8052

Details

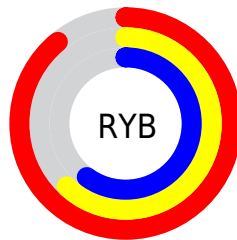
The XYZ color **49.2584, 42.8895, 35.3881** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.2686, 63.3505, 81.4246**, and the grayscale version is **42.1809, 44.3776, 48.3272**.

A 20% lighter version of the original color is **76.1748, 73.3047, 68.5269**, and **23.8652, 19.6827, 14.8532** is the 20% darker color. If you saturate the color by 10%, you get **44.3330, 35.7240, 25.4678**, and if you desaturate by 10%, it is **55.1373, 51.3972, 47.3670**.

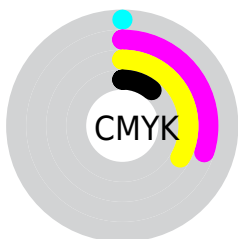
Distribution



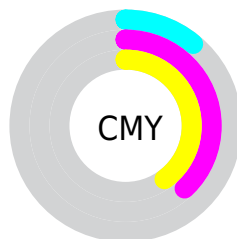
- Red (89%)
- Green (62%)
- Blue (60%)



- Red (89%)
- Yellow (62%)
- Blue (60%)



- Cyan (0%)
- Magenta (30%)
- Yellow (33%)
- Black (11%)





- Cyan (11%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.2584, 42.8895, 35.3881 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 49.2584, 42.8895, 35.3881 by changing the saturation by 10% instead.


 49.2584, 42.8895,
35.3881


 49.2584, 42.8895,
35.3881


374.2588,
358.1571, 341.2342

 35.0399, 29.7984,
23.6760


 88.2735, 79.5441,
69.2449

 23.8603, 19.6856,
14.8835

 113.8009,
103.8764, 92.2268

 15.3542, 12.1667,
8.5920

143.8285,
132.7245, 119.8023

 9.1563, 6.8573,
4.3828

178.7218,
166.4730, 152.3901

 4.9012, 3.3730,
1.8376

218.8461,
205.5060, 190.4087

 2.2235, 1.3294,
0.4526

264.5668,

 0.7551, 0.1638,

250.2082, 234.2765

0.0000

316.2493,
300.9637, 284.4122

0.0000, 0.0000,
0.0000

49.2584, 42.8895,
35.3881

49.2584, 42.8895,
35.3881

44.3330, 35.7240,
25.4678

55.1373, 51.3972,
47.3670

40.3076, 29.8264,
17.4878

62.0127, 61.3042,
61.5088

37.1284, 25.1245,
11.3215

69.9292, 72.6718,
77.9137

34.7348, 21.5364,
6.8265

78.9276, 85.5560,
96.6748

33.0576, 18.9699,
3.8388

85.1741, 94.9088,
108.4378

■ 32.0159, 17.3180,
2.1614

■ 31.5859, 16.6124,
1.5418

Harmonies

Analogous

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



50.5088, 42.8895, 47.3920



49.2584, 42.8895, 35.3881



45.6876, 42.8895, 27.8899

Triad

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



49.2584, 42.8895, 35.3881



33.5198, 42.8895, 34.4052



40.5250, 42.8895, 77.7344

Complementary

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



49.2584, 42.8895, 35.3881



52.2686, 63.3505, 81.4246

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.



36.2097, 42.8895, 72.4923



49.2584, 42.8895, 35.3881



32.3629, 42.8895, 46.0136

Square

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



49.2584, 42.8895, 35.3881



36.5962, 42.8895, 27.4040



33.3091, 42.8895, 60.1956



45.2394, 42.8895, 73.4202

Rectangle

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



49.2584, 42.8895, 35.3881



42.6017, 42.8895, 25.6106



33.3091, 42.8895, 60.1956



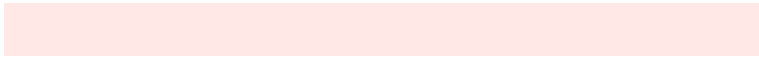
38.9822, 42.8895, 77.0151

Sweetspot

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



49.2595, 42.8915, 35.3890



84.1883, 84.4161, 86.3520



55.6526, 43.8497, 73.9839



17.7173, 17.6338, 17.8576



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.



49.2595, 42.8915, 35.3890



60.4102, 50.0601, 37.7317



56.3088, 56.9900, 37.7387



13.7962, 13.8783, 14.2584



18.0540, 9.5459, 0.8910



1.2829, 0.7247, 0.0723

Inverse Universe

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



52.2686, 63.3505, 81.4246



64.9128, 80.7219, 106.7674



43.8311, 46.4755, 78.6121



14.0165, 15.3720, 17.6160



20.6942, 28.8581, 45.5278



1.4630, 2.0574, 3.1653

Previews

White Background



This preview shows how the XYZ color 49.2584, 42.8895, 35.3881 looks on a white background.

Color Contrast Check

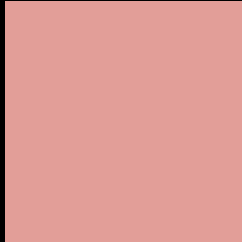
Large Text (above 18pt) WCAG AA × Fail

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 49.2584, 42.8895, 35.3881 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 49.2584, 42.8895, 35.3881

Background



This preview shows how black text looks on a background with the XYZ color 49.2584, 42.8895, 35.3881.



This preview shows how white text looks on a background with the XYZ color 49.2584, 42.8895,

35.3881.

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

49.2584, 42.8895, 35.3881

Protanopia

41.0544, 43.1782, 39.8886

Deuteranopia

43.7804, 42.9954, 34.8456



Tritanopia

50.8584, 43.0609, 42.1903

Trichromacy



Original Color

49.2584, 42.8895, 35.3881

Protanomaly

43.6482, 42.8503, 38.3182

Deuteranomaly

45.6194, 42.8463, 35.1439

Tritanomaly

50.2571, 43.0535, 39.8437

Monochromacy



Original Color

49.2584, 42.8895, 35.3881

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

44.2300, 43.5925, 43.6191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2584, 42.8895, 35.3881 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(226, 158, 152)` looks like.

```
.text, #text, p{  
    color:rgb(226, 158, 152)  
}
```

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(226, 158, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 158, 152) }
```

Border

The CSS property to change the border of an element to XYZ 49.2584, 42.8895, 35.3881 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(226, 158, 152) }
```


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

```
.border{ border-color:rgb(226, 158, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 158, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 158, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 158, 152);  
box-shadow:4px 4px 4px 4px rgb(226, 158,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2584, 42.8895, 35.3881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 158, 152) }
```

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

```
.background{ background-color: rgb(226,  
158, 152) }
```

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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