

Converting Colors

XYZ(42.2649, 33.4130, 29.1720)

Have a look what the booklet for
XYZ(42.2649, 33.4130, 29.1720)
contains.

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Color

**XYZ(42.1983, 33.4560,
29.0445)**

Conversions

Conversions Part 1

Format	Color
Hex	DB848C
RGB	219, 132, 140
RGB Percent	86%, 52%, 55%
CMY	0.1412, 0.4823, 0.4510
CMYK	0.00, 0.40, 0.36, 0.14
HSL	354°, 55%, 69%
HSV	354°, 40%, 86%
XYZ	42.1983, 33.4560, 29.0445
YIQ	158.9250, 49.2840, 20.9320

Conversions

Conversions Part 2

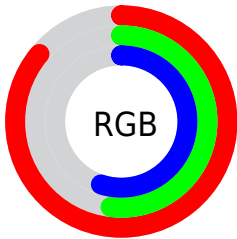
Format	Color
R _{YB}	219, 132, 140
Decimal	14386316
CIE Lab	64.53, 34.33, 10.10
CIE LCh	65, 35.785, 16.389
Yxy	33.4560, 0.4030, 0.3195
Android (android.graphics.Color)	4292576396 (0xFFDB848C)
YUV	158.9250, -9.3300, 52.6858
Hunter-Lab	57.8412, 29.0035, 10.7168

Details

The XYZ color **42.1983, 33.4560, 29.0445** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **46.6066, 60.2725, 70.8086**, and the grayscale version is **32.9467, 34.6625, 37.7474**.

A 20% lighter version of the original color is **68.4245, 60.2281, 58.4709**, and **19.4858, 14.2001, 11.3867** is the 20% darker color. If you saturate the color by 10%, you get **38.1979, 27.5936, 21.1183**, and if you desaturate by 10%, it is **47.0889, 40.6743, 38.5756**.

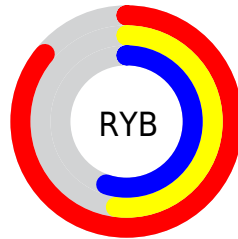
Distribution



Red (86%)

Green (52%)

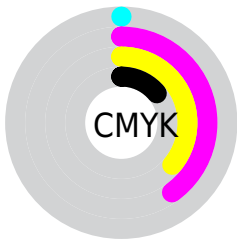
Blue (55%)



Red (86%)

Yellow (52%)

Blue (55%)

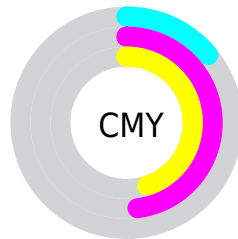


Cyan (0%)

Magenta (40%)

Yellow (36%)

Black (14%)



Cyan (14%)


Magenta (48%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1983, 33.4560, 29.0445 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 42.1983, 33.4560, 29.0445 by changing the saturation by 10% instead.

 42.1983, 33.4560,
29.0445

 42.1983, 33.4560,
29.0445


346.2820,
317.6995, 311.4924


 29.4484, 22.4760,
18.8686


 77.7629, 65.0868,
59.1908

 19.5663, 14.2071,
11.3995


 101.3084, 86.5064,
79.9983

 12.1866, 8.2648,
6.2187


 129.1830,
112.1746, 105.1868

 6.9440, 4.2649,
2.9076

161.7522,
142.4759, 135.1747

 3.4731, 1.8228,
1.0476

199.3814,
177.7947, 170.3807

 1.4086, 0.5013,
0.0000

242.4358,

 0.2623, 0.0000,

218.5153, 211.2233

0.0000

291.2809,
265.0221, 258.1210

■ 0.0000, 0.0000,
0.0000

■ 42.1983, 33.4560,
29.0445

■ 42.1983, 33.4560,
29.0445

■ 38.1979, 27.5936,
21.1183

■ 47.0889, 40.6743,
38.5756

■ 35.0313, 22.9978,
14.7068

■ 52.9161, 49.3208,
49.7911

■ 32.6401, 19.5765,
9.7136

■ 59.7263, 59.4682,
62.7678

■ 30.9569, 17.2229,
6.0306

■ 67.5620, 71.1833,
77.5770

■ 29.9028, 15.8105,
3.5339

■ 76.4634, 84.5284,
94.2861

■ 29.3524, 15.1262,
2.0665

■ 83.0235, 93.8001,
108.3372

■ 29.3409, 15.1110,
2.0381

Harmonies

Analogous

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



42.3475, 33.4560, 43.4666



42.1983, 33.4560, 29.0445



39.0766, 33.4560, 19.6032

Triad

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



42.1983, 33.4560, 29.0445



25.1963, 33.4560, 20.2489



29.5401, 33.4560, 71.2337

Complementary

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



42.1983, 33.4560, 29.0445



46.6066, 60.2725, 70.8086

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.



25.4861, 33.4560, 60.8641



42.1983, 33.4560, 29.0445



23.1660, 33.4560, 30.1933

Square

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



42.1983, 33.4560, 29.0445



29.1039, 33.4560, 15.5366



23.2660, 33.4560, 44.9672



34.6554, 33.4560, 70.6826

Rectangle

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



42.1983, 33.4560, 29.0445



35.9030, 33.4560, 16.2344



23.2660, 33.4560, 44.9672



28.0202, 33.4560, 68.8114

Sweetspot

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



42.1992, 33.4576, 29.0451



81.8977, 80.3444, 84.0183



47.7023, 35.3644, 71.3297



17.2506, 16.7811, 17.4528



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.



42.1992, 33.4576, 29.0451



54.5954, 39.9347, 31.1558



47.1614, 44.2917, 27.8953



13.1044, 13.0709, 13.8110



17.4152, 8.9671, 1.3007



1.1453, 0.5878, 0.1742

Inverse Universe

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



42.1992, 33.4576, 29.0451



54.5954, 39.9347, 31.1558



39.4854, 44.3856, 73.5041



13.1044, 13.0709, 13.8110



17.4152, 8.9671, 1.3007



1.1453, 0.5878, 0.1742

Previews

White Background



This preview shows how the XYZ color 42.1983, 33.4560, 29.0445 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 42.1983, 33.4560, 29.0445 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 42.1983, 33.4560, 29.0445

Background



This preview shows how black text looks on a background with the XYZ color 42.1983, 33.4560, 29.0445.



This preview shows how white text looks on a background with the XYZ color 42.1983, 33.4560,

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

42.1983, 33.4560, 29.0445

Protanopia

32.3362, 33.6539, 34.9285

Deuteranopia

34.1724, 33.5231, 28.3364



Tritanopia

42.3472, 33.5156, 29.8284

Trichromacy



Original Color

42.1983, 33.4560, 29.0445

Protanomaly

35.0704, 32.9506, 32.5287

Deuteranomaly

36.8088, 33.2508, 28.5228

Tritanomaly

42.2724, 33.4857, 29.4347

Monochromacy



Original Color

42.1983, 33.4560, 29.0445

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

35.4710, 33.5856, 34.3189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1983, 33.4560, 29.0445 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(219, 132, 140)` looks like.

```
.text, #text, p{  
    color:rgb(219, 132, 140)  
}
```

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(219, 132, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 132, 140) }
```

Border

The CSS property to change the border of an element to XYZ 42.1983, 33.4560, 29.0445 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(219, 132, 140) }
```


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

```
.border{ border-color:rgb(219, 132, 140) }
```

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

Here you see how a box with a 4 pixel rgb(219, 132, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 132, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 132, 140);  
box-shadow:4px 4px 4px 4px rgb(219, 132,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1983, 33.4560, 29.0445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 132, 140) }
```

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

```
.background{ background-color: rgb(219,  
132, 140) }
```

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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