

Converting Colors

XYZ(32.4315, 29.4758, 21.7021)

Have a look what the booklet for
XYZ(32.4315, 29.4758, 21.7021)
contains.

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Color

**XYZ(32.4440, 29.4035,
21.7348)**

Conversions

Conversions Part 1

Format	Color
Hex	BA8878
RGB	186, 136, 120
RGB Percent	73%, 53%, 47%
CMY	0.2706, 0.4666, 0.5294
CMYK	0.00, 0.27, 0.35, 0.27
HSL	15°, 32%, 60%
HSV	15°, 35%, 73%
XYZ	32.4440, 29.4035, 21.7348
YIQ	149.1260, 34.9360, 5.6240

Conversions

Conversions Part 2

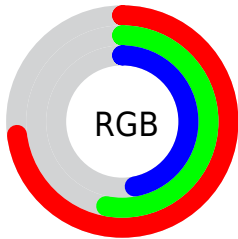
Format	Color
RYB	186, 141, 120
Decimal	12224632
CIELab	61.14, 16.95, 16.11
CIELCh	61, 23.385, 43.534
Yxy	29.4035, 0.3882, 0.3518
Android (android.graphics.Color)	4290414712 (0xFFBA8878)
YUV	149.1260, -14.3591, 32.3385
Hunter-Lab	54.2250, 11.9067, 14.1925

Details

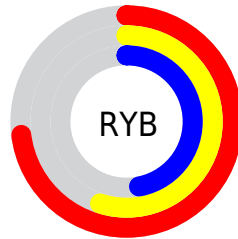
The XYZ color **32.4440, 29.4035, 21.7348** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **30.9828, 36.2863, 51.8253**, and the grayscale version is **28.6690, 30.1620, 32.8464**.

A 20% lighter version of the original color is **62.8220, 58.8602, 47.0798**, and **13.8252, 11.9358, 7.5364** is the 20% darker color. If you saturate the color by 10%, you get **29.5675, 25.2848, 15.7373**, and if you desaturate by 10%, it is **35.8022, 34.1345, 28.9752**.

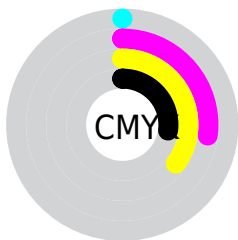
Distribution



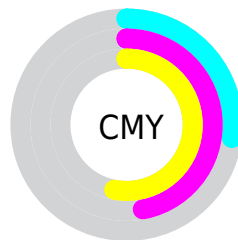
- Red (73%)
- Green (53%)
- Blue (47%)



- Red (73%)
- Yellow (55%)
- Blue (47%)



- Cyan (0%)
- Magenta (27%)
- Yellow (35%)
- Black (27%)





- Cyan (27%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4440, 29.4035, 21.7348 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 32.4440, 29.4035, 21.7348 by changing the saturation by 10% instead.


 32.4440, 29.4035,
21.7348


 32.4440, 29.4035,
21.7348


304.8464,
299.1140, 274.0664


 21.8580, 19.3863,
13.4657


 62.8670, 58.7176,
47.2038

 13.8686, 11.9497,
7.6155


 83.4348, 78.7832,
65.2409

 8.1105, 6.7094,
3.7657


 108.0605,
102.9671, 87.3710

 4.2181, 3.2811,
1.4977

137.1096,
131.6536, 114.0127

 1.8263, 1.2802,
0.2162

170.9473,
165.2271, 145.5845

 0.5334, 0.1258,
0.0000


209.9392,


 0.0000, 0.0000,


204.0721, 182.5051


0.0000


254.4504,
248.5730, 225.1928


 32.4440, 29.4035,
21.7348


 32.4440, 29.4035,
21.7348


 29.5675, 25.2848,
15.7373


 35.8022, 34.1345,
28.9752


 27.1475, 21.7489,
10.9106


 39.6612, 39.4973,
37.5218


 25.1601, 18.7700,
7.1775


 44.0415, 45.5158,
47.4354


 23.5778, 16.3188,
4.4509


 48.9621, 52.2115,
58.7727


 22.3699, 14.3630,
2.6303

 54.4408, 59.6046,
71.5871

 21.5000, 12.8661,
1.5915

 60.4946, 67.7148,
85.9291

 21.1920, 12.3237,
1.2618

 67.1400, 76.5607,
101.8470

 72.0898, 85.2393,
107.2610

 74.0597, 89.1791,
107.9177

Harmonies

Analogous

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



34.0814, 29.4035, 28.2235



32.4440, 29.4035, 21.7348



29.6522, 29.4035, 18.3970

Triad

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



32.4440, 29.4035, 21.7348



22.6648, 29.4035, 27.4630



29.3500, 29.4035, 51.4021

Complementary

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



32.4440, 29.4035, 21.7348



30.9828, 36.2863, 51.8253

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.



26.3087, 29.4035, 51.0960



32.4440, 29.4035, 21.7348



22.5970, 29.4035, 36.1326

Square

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



32.4440, 29.4035, 21.7348



24.0790, 29.4035, 21.2662



23.8863, 29.4035, 45.1138



32.2089, 29.4035, 45.8863

Rectangle

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



32.4440, 29.4035, 21.7348



27.5852, 29.4035, 17.9442



23.8863, 29.4035, 45.1138



28.3122, 29.4035, 52.0034

Sweetspot

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



32.4448, 29.4049, 21.7354



75.1855, 76.1355, 75.4296



34.2789, 26.7974, 41.6943



16.3232, 16.4444, 16.0829



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.4448, 29.4049, 21.7354



54.4552, 47.0748, 30.2923



37.7165, 39.9485, 23.4926



9.1768, 9.3565, 9.4292



14.3075, 8.3914, 0.8656



0.5541, 0.3952, 0.0471

Inverse Universe

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



30.9828, 36.2863, 51.8253



51.3700, 61.4572, 93.3563



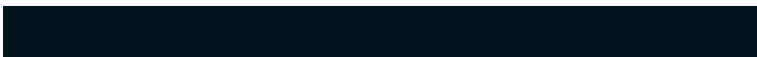
25.6401, 25.6010, 50.0444



9.0772, 9.8316, 11.4987



12.4213, 15.3023, 33.5520



0.4830, 0.6296, 1.1978

Previews

White Background



This preview shows how the XYZ color 32.4440, 29.4035, 21.7348 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4440, 29.4035, 21.7348 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 × Fail

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

XYZ 32.4440, 29.4035, 21.7348

Background



This preview shows how black text looks on a background with the XYZ color 32.4440, 29.4035, 21.7348.



This preview shows how white text looks on a background with the XYZ color 32.4440, 29.4035,

21.7348.

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

32.4440, 29.4035, 21.7348

Protanopia

27.9099, 29.4417, 23.9505

Deuteranopia

30.0160, 29.4486, 21.5549



Tritanopia

34.0845, 29.4496, 29.8745

Trichromacy



Original Color

32.4440, 29.4035, 21.7348

Protanomaly

29.3969, 29.3156, 23.1779

Deuteranomaly

30.8393, 29.4352, 21.5089

Tritanomaly

33.3918, 29.3643, 26.8296

Monochromacy



Original Color

32.4440, 29.4035, 21.7348

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.4610, 29.4629, 28.1789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4440, 29.4035, 21.7348 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(186, 136, 120)` looks like.

```
.text, #text, p{  
    color:rgb(186, 136, 120)  
}
```

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(186, 136, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 136, 120) }
```

Border

The CSS property to change the border of an element to XYZ 32.4440, 29.4035, 21.7348 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(186, 136, 120) }
```


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

```
.border{ border-color:rgb(186, 136, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 136, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 136, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 136, 120);  
box-shadow:4px 4px 4px 4px rgb(186, 136,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4440, 29.4035, 21.7348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 136, 120) }
```

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

```
.background{ background-color: rgb(186,  
136, 120) }
```

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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