

Converting Colors

XYZ(34.0424, 32.2158, 22.4021)

Have a look what the booklet for
XYZ(34.0424, 32.2158, 22.4021)
contains.

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Color

**XYZ(34.0701, 32.1961,
22.5079)**

Conversions

Conversions Part 1

Format	Color
Hex	BB9179
RGB	187, 145, 121
RGB Percent	73%, 57%, 47%
CMY	0.2667, 0.4314, 0.5255
CMYK	0.00, 0.22, 0.35, 0.27
HSL	22°, 33%, 60%
HSV	22°, 35%, 73%
XYZ	34.0701, 32.1961, 22.5079
YIQ	154.8220, 32.7360, 1.4400

Conversions

Conversions Part 2

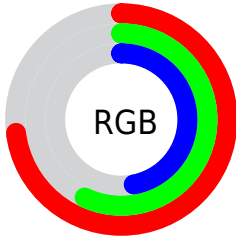
Format	Color
RYB	187, 159, 121
Decimal	12292473
CIELab	63.50, 12.49, 18.82
CIELCh	64, 22.587, 56.437
Yxy	32.1961, 0.3838, 0.3627
Android (android.graphics.Color)	4290482553 (0xFFBB9179)
YUV	154.8220, -16.6742, 28.2201
Hunter-Lab	56.7416, 7.8813, 16.2003

Details

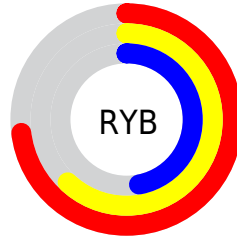
The XYZ color **34.0701, 32.1961, 22.5079** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.9515, 33.8459, 51.9680**, and the grayscale version is **31.1390, 32.7606, 35.6763**.

A 20% lighter version of the original color is **65.2745, 63.0971, 48.2738**, and **14.6881, 13.3788, 7.9391** is the 20% darker color. If you saturate the color by 10%, you get **31.3088, 28.3342, 16.4677**, and if you desaturate by 10%, it is **37.2458, 36.5308, 29.7836**.

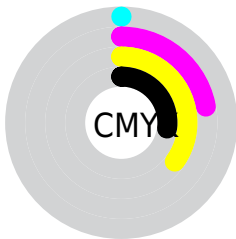
Distribution



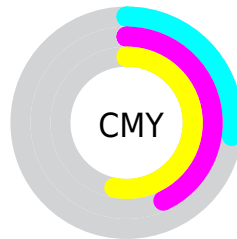
- Red (73%)
- Green (57%)
- Blue (47%)



- Red (73%)
- Yellow (62%)
- Blue (47%)



- Cyan (0%)
- Magenta (22%)
- Yellow (35%)
- Black (27%)




- Cyan (27%)
- Magenta (43%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0701, 32.1961, 22.5079 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 34.0701, 32.1961, 22.5079 by changing the saturation by 10% instead.


 34.0701, 32.1961,
22.5079


 34.0701, 32.1961,
22.5079


312.0249,
312.0116, 278.2268


 23.1106, 21.5113,
14.0287


 65.3862, 63.1184,
48.4969

 14.7963, 13.4983,
8.0016


 86.4736, 84.1247,
66.8438

 8.7620, 7.7725,
4.0082


 111.6676,
109.3403, 89.3171

 4.6421, 3.9498,
1.6299

141.3336,
139.1496, 116.3351

 2.0714, 1.6455,
0.3120

175.8370,
173.9370, 148.3166

 0.6736, 0.3880,
0.0000

215.5431,

 0.0000, 0.0000,

214.0868, 185.6800

0.0000

260.8173,
259.9836, 228.8439

■ 34.0701, 32.1961,
22.5079

■ 34.0701, 32.1961,
22.5079

■ 31.3088, 28.3342,
16.4677

■ 37.2458, 36.5308,
29.7836

■ 28.9408, 24.9239,
11.5913

■ 40.8509, 41.3498,
38.3573

■ 26.9464, 21.9485,
7.8023

■ 44.9026, 46.6696,
48.2893

■ 25.3033, 19.3890,
5.0144

■ 49.4164, 52.5046,
59.6358

■ 23.9861, 17.2240,
3.1279

■ 54.4069, 58.8688,
72.4496

■ 22.9647, 15.4300,
2.0207

■ 59.8881, 65.7753,
86.7810

■ 22.5614, 14.7005,
1.6484

■ 65.8736, 73.2369,
102.6775

■ 69.7611, 80.2200,
106.4149

■ 73.3835, 87.4647,
107.6224

Harmonies

Analogous

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



36.3456, 32.1961, 27.8930



34.0701, 32.1961, 22.5079



30.9790, 32.1961, 20.4487

Triad

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



34.0701, 32.1961, 22.5079



24.9508, 32.1961, 33.9900



33.3752, 32.1961, 52.9754

Complementary

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



34.0701, 32.1961, 22.5079



29.9515, 33.8459, 51.9680

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.



30.2269, 32.1961, 55.3523



34.0701, 32.1961, 22.5079



25.4968, 32.1961, 43.3511

Square

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



34.0701, 32.1961, 22.5079



25.8312, 32.1961, 26.3217



27.3766, 32.1961, 51.5697



35.9255, 32.1961, 45.5360

Rectangle

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



34.0701, 32.1961, 22.5079



28.9210, 32.1961, 20.9234



27.3766, 32.1961, 51.5697



32.3457, 32.1961, 54.4425

Sweetspot

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



34.0709, 32.1976, 22.5086



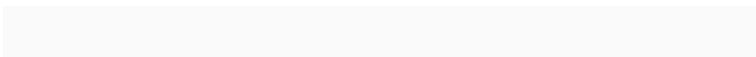
76.0520, 77.8685, 75.7184



34.0229, 26.9165, 38.4770



16.5344, 16.8668, 16.1533



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.



34.0709, 32.1976, 22.5086



57.2978, 52.4759, 32.1156



39.6867, 43.4292, 24.3805



9.8066, 10.0892, 10.0072



15.6083, 10.2553, 1.1568



0.6743, 0.5275, 0.0663

Inverse Universe

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



29.9515, 33.8459, 51.9680



48.8551, 55.8253, 92.4018



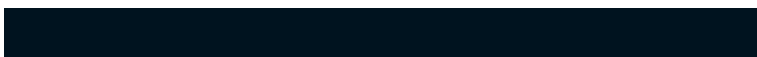
24.9580, 23.8589, 50.3035



9.5088, 10.2100, 12.1418



10.7950, 11.7017, 34.0826



0.4830, 0.5787, 1.3551

Previews

White Background



This preview shows how the XYZ color 34.0701, 32.1961, 22.5079 looks on a white background.

Color Contrast Check

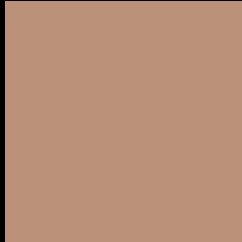
Large Text (above 18pt) WCAG AA × Fail

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 34.0701, 32.1961, 22.5079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

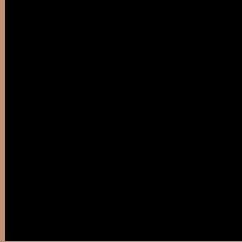
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.0701, 32.1961, 22.5079

Background



This preview shows how black text looks on a background with the XYZ color 34.0701, 32.1961, 22.5079.



This preview shows how white text looks on a background with the XYZ color 34.0701, 32.1961,

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

34.0701, 32.1961, 22.5079

Protanopia

30.3615, 32.3784, 24.0515

Deuteranopia

32.8025, 32.2392, 22.2632



Tritanopia

36.4276, 32.2639, 34.0134

Trichromacy



Original Color

34.0701, 32.1961, 22.5079

Protanomaly

31.7180, 32.3591, 23.6430

Deuteranomaly

33.3523, 32.2908, 22.2442

Tritanomaly

35.4670, 32.0879, 29.5236

Monochromacy



Original Color

34.0701, 32.1961, 22.5079

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.9609, 32.3319, 30.5428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0701, 32.1961, 22.5079 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(187, 145, 121)` looks like.

```
.text, #text, p{  
    color:rgb(187, 145, 121)  
}
```

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(187, 145, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 145, 121) }
```

Border

The CSS property to change the border of an element to XYZ 34.0701, 32.1961, 22.5079 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(187, 145, 121) }
```


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

```
.border{ border-color:rgb(187, 145, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 145, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 145, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 145, 121);  
box-shadow:4px 4px 4px 4px rgb(187, 145,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0701, 32.1961, 22.5079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 145, 121) }
```

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

```
.background{ background-color: rgb(187,  
145, 121) }
```

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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