

Converting Colors

XYZ(32.1996, 32.2875, 22.5742)

Have a look what the booklet for
XYZ(32.1996, 32.2875, 22.5742)
contains.

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Color

**XYZ(32.2620, 32.4233,
22.6471)**

Conversions

Conversions Part 1

Format	Color
Hex	B09679
RGB	176, 150, 121
RGB Percent	69%, 59%, 47%
CMY	0.3098, 0.4117, 0.5255
CMYK	0.00, 0.15, 0.31, 0.31
HSL	32°, 26%, 58%
HSV	32°, 31%, 69%
XYZ	32.2620, 32.4233, 22.6471
YIQ	154.4680, 24.8050, -3.5070

Conversions

Conversions Part 2

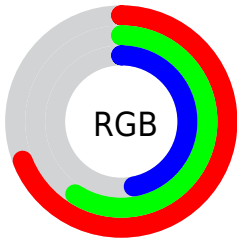
Format	Color
RYB	170, 176, 121
Decimal	11572857
CIELab	63.69, 5.29, 18.90
CIELCh	64, 19.625, 74.376
Yxy	32.4233, 0.3694, 0.3713
Android (android.graphics.Color)	4289762937 (0xFFB09679)
YUV	154.4680, -16.4997, 18.8836
Hunter-Lab	56.9415, 1.4873, 16.2778

Details

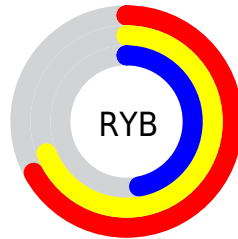
The XYZ color **32.2620, 32.4233, 22.6471** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.1550, 28.0660, 45.1130**, and the grayscale version is **30.9843, 32.5979, 35.4991**.

A 20% lighter version of the original color is **62.4144, 63.3587, 48.4750**, and **13.7999, 13.6025, 8.0291** is the 20% darker color. If you saturate the color by 10%, you get **29.9992, 29.4701, 17.0450**, and if you desaturate by 10%, it is **34.8177, 35.6467, 29.3191**.

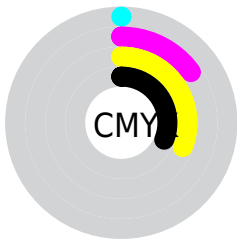
Distribution



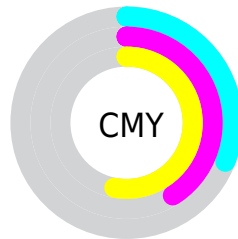
- Red (69%)
- Green (59%)
- Blue (47%)



- Red (67%)
- Yellow (69%)
- Blue (47%)



- Cyan (0%)
- Magenta (15%)
- Yellow (31%)
- Black (31%)





- Cyan (31%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2620, 32.4233, 22.6471 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 32.2620, 32.4233, 22.6471 by changing the saturation by 10% instead.


 32.2620, 32.4233,
22.6471


 32.2620, 32.4233,
22.6471


304.0351,
313.0430, 278.9701

 21.7182, 21.6850,
14.1303


 62.5840, 63.4741,
48.7290

 13.7654, 13.6256,
8.0716


 83.0930, 84.5554,
67.1313

 8.0383, 7.8608,
4.0523


 107.6543,
109.8532, 89.6657

 4.1715, 4.0060,
1.6541

136.6335,
139.7519, 116.7509

 1.7996, 1.6769,
0.3290

170.3958,
174.6358, 148.8054

 0.5174, 0.4086,
0.0000

209.3066,

 0.0000, 0.0000,

214.8893, 186.2478

0.0000

253.7313,
260.8970, 229.4965

■ 32.2620, 32.4233,
22.6471

■ 32.2620, 32.4233,
22.6471

■ 29.9992, 29.4701,
17.0450

■ 34.8177, 35.6467,
29.3191

■ 28.0141, 26.7746,
12.4537

■ 37.6755, 39.1437,
37.1117

■ 26.2938, 24.3295,
8.8113

■ 40.8474, 42.9230,
46.0750

■ 24.8231, 22.1254,
6.0484

■ 44.3438, 46.9917,
56.2552

■ 23.5851, 20.1520,
4.0856

■ 48.1748, 51.3566,
67.6962

■ 22.5596, 18.3979,
2.8292

■ 52.3496, 56.0241,
80.4395

■ 21.8024, 17.0260,
2.1372

■ 56.8775, 61.0006,
94.5248

■ 60.6525, 65.8462,
104.1206

■ 62.8453, 70.2317,
104.8515

Harmonies

Analogous

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



34.7491, 32.4233, 25.7456



32.2620, 32.4233, 22.6471



29.5245, 32.4233, 22.5837

Triad

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



32.2620, 32.4233, 22.6471



25.9787, 32.4233, 39.1940



34.6610, 32.4233, 47.2576

Complementary

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



32.2620, 32.4233, 22.6471



26.1550, 28.0660, 45.1130

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.



32.1475, 32.4233, 52.0782



32.2620, 32.4233, 22.6471



27.1940, 32.4233, 46.9749

Square

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



32.2620, 32.4233, 22.6471



26.0053, 32.4233, 31.3839



29.4165, 32.4233, 51.9677



36.1893, 32.4233, 39.5365

Rectangle

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



32.2620, 32.4233, 22.6471



27.9302, 32.4233, 24.2320



29.4165, 32.4233, 51.9677



33.8969, 32.4233, 49.3187

Sweetspot

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



32.2628, 32.4248, 22.6478



69.4866, 72.3848, 70.5304



30.0544, 25.0301, 31.0919



14.8876, 15.4810, 14.8070



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.2628, 32.4248, 22.6478



55.8279, 55.3243, 34.3568



36.6745, 41.5547, 24.1775



8.8549, 9.2222, 8.9659



16.0559, 12.6103, 1.5878



0.5630, 0.5125, 0.0692

Inverse Universe

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



26.1550, 28.0660, 45.1130



43.1073, 46.2482, 81.1501



22.6884, 20.9412, 43.9205



8.3621, 8.8705, 10.7778



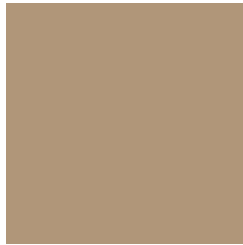
8.0876, 6.9756, 31.0571



0.3130, 0.3366, 0.9967

Previews

White Background



This preview shows how the XYZ color 32.2620, 32.4233, 22.6471 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 32.2620, 32.4233, 22.6471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

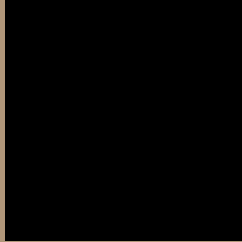
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.2620, 32.4233, 22.6471

Background



This preview shows how black text looks on a background with the XYZ color 32.2620, 32.4233, 22.6471.



This preview shows how white text looks on a background with the XYZ color 32.2620, 32.4233,

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

32.2620, 32.4233, 22.6471

Protanopia

30.4406, 32.4338, 23.3948

Deuteranopia

32.8635, 32.2636, 22.5846



Tritanopia

34.9485, 32.3544, 35.8555

Trichromacy



Original Color

32.2620, 32.4233, 22.6471

Protanomaly

31.0525, 32.5124, 23.0512

Deuteranomaly

32.7890, 32.4591, 22.6262

Tritanomaly

33.9820, 32.4343, 30.4560

Monochromacy



Original Color

32.2620, 32.4233, 22.6471

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.1740, 32.4168, 30.2052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2620, 32.4233, 22.6471 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(176, 150, 121)` looks like.

```
.text, #text, p{  
    color:rgb(176, 150, 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(176, 150, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 150, 121) }
```

Border

The CSS property to change the border of an element to XYZ 32.2620, 32.4233, 22.6471 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(176, 150, 121) }
```


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

```
.border{ border-color:rgb(176, 150, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 150, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 150, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 150, 121);  
box-shadow:4px 4px 4px 4px rgb(176, 150,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2620, 32.4233, 22.6471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 150, 121) }
```

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

```
.background{ background-color: rgb(176,  
150, 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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