

Converting Colors

XYZ(32.7522, 33.3471, 28.3069)

Have a look what the booklet for
XYZ(32.7522, 33.3471, 28.3069)
contains.

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Color

**XYZ(32.7012, 33.2465,
28.3606)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9989
RGB	171, 153, 137
RGB Percent	67%, 60%, 54%
CMY	0.3294, 0.4000, 0.4627
CMYK	0.00, 0.11, 0.20, 0.33
HSL	28°, 17%, 60%
HSV	28°, 20%, 67%
XYZ	32.7012, 33.2465, 28.3606
YIQ	156.5580, 15.8640, -1.1600

Conversions

Conversions Part 2

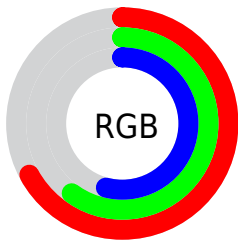
Format	Color
RYB	171, 167, 137
Decimal	11245961
CIELab	64.36, 3.98, 10.83
CIELCh	64, 11.533, 69.820
Yxy	33.2465, 0.3467, 0.3525
Android (android.graphics.Color)	4289436041 (0xFFAB9989)
YUV	156.5580, -9.6421, 12.6656
Hunter-Lab	57.6598, 0.3300, 11.1994

Details

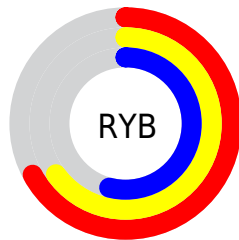
The XYZ color **32.7012, 33.2465, 28.3606** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.3885, 31.7007, 43.0983**, and the grayscale version is **31.8870, 33.5476, 36.5333**.

A 20% lighter version of the original color is **63.2856, 64.6742, 57.8631**, and **13.9429, 14.0424, 10.9924** is the 20% darker color. If you saturate the color by 10%, you get **30.1450, 29.9439, 21.9288**, and if you desaturate by 10%, it is **35.5660, 36.8547, 35.8552**.

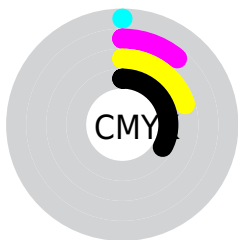
Distribution



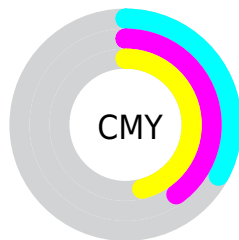
- Red (67%)
- Green (60%)
- Blue (54%)



- Red (67%)
- Yellow (65%)
- Blue (54%)



- Cyan (0%)
- Magenta (11%)
- Yellow (20%)
- Black (33%)



- Cyan (33%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7012, 33.2465, 28.3606 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 32.7012, 33.2465, 28.3606 by changing the saturation by 10% instead.

■ 32.7012, 33.2465,
28.3606

■ 32.7012, 33.2465,
28.3606

305.9900,
316.7590, 308.1520

■ 22.0558, 22.3153,
18.3563

■ 63.2666, 64.7602,
58.0897

■ 14.0147, 14.0888,
11.0340

■ 83.9172, 86.1115,
78.6515

■ 8.2127, 8.1825,
5.9752

■ 108.6336,
111.7050, 103.5695

■ 4.2843, 4.2119,
2.7615

137.7812,
141.9251, 133.2623

■ 1.8642, 1.7928,
0.9742

171.7253,
177.1561, 168.1484

■ 0.5559, 0.4827,
0.0000

210.8312,

■ 0.0000, 0.0000,

217.7825, 208.6463

0.0000

255.4643,
264.1887, 255.1747

■ 32.7012, 33.2465,
28.3606

■ 32.7012, 33.2465,
28.3606

■ 30.1450, 29.9439,
21.9288

■ 35.5660, 36.8547,
35.8552

■ 27.8832, 26.9337,
16.5088

■ 38.7478, 40.7722,
44.4564

■ 25.9041, 24.2084,
12.0485

■ 42.2576, 45.0084,
54.2078

■ 24.1944, 21.7584,
8.4901

■ 46.1055, 49.5707,
65.1501

■ 22.7393, 19.5733,
5.7697

■ 50.3007, 54.4665,
77.3222

■ 21.5223, 17.6419,
3.8147

■ 54.8524, 59.7029,
90.7610

■ 20.5245, 15.9519,
2.5400

■ 59.4940, 65.1765,
104.0524

■ 19.7081, 14.4830,
1.7625

■ 61.8824, 69.9533,
104.8485

■ 19.6992, 14.4668,
1.7541

■ 64.4006, 74.9898,
105.6879

Harmonies

Analogous

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



34.0866, 33.2465, 30.7140



32.7012, 33.2465, 28.3606



31.0645, 33.2465, 28.0031

Triad

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



32.7012, 33.2465, 28.3606



28.5906, 33.2465, 37.7636



33.6645, 33.2465, 43.5961

Complementary

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



32.7012, 33.2465, 28.3606



29.3885, 31.7007, 43.0983

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.



32.1412, 33.2465, 45.8576



32.7012, 33.2465, 28.3606



29.2370, 33.2465, 42.3027

Square

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



32.7012, 33.2465, 28.3606



28.7288, 33.2465, 33.1701



30.5234, 33.2465, 45.3648



34.6560, 33.2465, 39.4086

Rectangle

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



32.7012, 33.2465, 28.3606



30.0560, 33.2465, 28.9098



30.5234, 33.2465, 45.3648



33.1956, 33.2465, 44.6226

Sweetspot

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



32.7021, 33.2480, 28.3613



65.7805, 68.5878, 69.7945



31.6683, 28.9208, 34.9827



14.5909, 15.1985, 15.3536



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.7021, 33.2480, 28.3613



56.4205, 56.7912, 45.3306



35.6601, 39.1639, 29.3473



8.3044, 8.6136, 8.4383



14.9021, 11.0096, 1.3396



0.4696, 0.4164, 0.0556

Inverse Universe

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



29.3885, 31.7007, 43.0983



49.3609, 53.4942, 76.7257



26.7753, 26.4744, 42.2273



7.9166, 8.4326, 10.1631



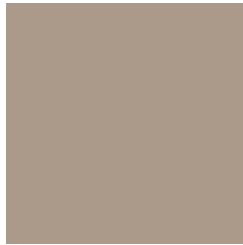
8.3834, 7.9007, 30.1277



0.2874, 0.3282, 0.8562

Previews

White Background



This preview shows how the XYZ color 32.7012, 33.2465, 28.3606 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 32.7012, 33.2465, 28.3606 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 32.7012, 33.2465, 28.3606

Background



This preview shows how black text looks on a background with the XYZ color 32.7012, 33.2465, 28.3606.



This preview shows how white text looks on a background with the XYZ color 32.7012, 33.2465,

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

32.7012, 33.2465, 28.3606

Protanopia

31.5802, 33.3984, 28.8268

Deuteranopia

33.8539, 33.1126, 28.6518



Tritanopia

34.6360, 33.0668, 38.2752

Trichromacy



Original Color

32.7012, 33.2465, 28.3606

Protanomaly

32.0347, 33.3847, 28.8002

Deuteranomaly

33.3333, 33.0822, 28.6734

Tritanomaly

33.8074, 32.9639, 34.2866

Monochromacy



Original Color

32.7012, 33.2465, 28.3606

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.2938, 33.6603, 33.6492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7012, 33.2465, 28.3606 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(171, 153, 137)` looks like.

```
.text, #text, p{  
    color:rgb(171, 153, 137)  
}
```

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(171, 153, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 153, 137) }
```

Border

The CSS property to change the border of an element to XYZ 32.7012, 33.2465, 28.3606 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(171, 153, 137) }
```


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

```
.border{ border-color:rgb(171, 153, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 153, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 153, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 153, 137); box-shadow:4px 4px 4px 4px rgb(171, 153, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7012, 33.2465, 28.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 153, 137) }
```

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

```
.background{ background-color: rgb(171,  
153, 137) }
```

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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