

Converting Colors

XYZ(32.5310, 32.7563, 34.5027)

Have a look what the booklet for
XYZ(32.5310, 32.7563, 34.5027)
contains.

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Color

**XYZ(32.4128, 32.7228,
34.3136)**

Conversions

Conversions Part 1

Format	Color
Hex	A59898
RGB	165, 152, 152
RGB Percent	65%, 60%, 60%
CMY	0.3529, 0.4039, 0.4039
CMYK	0.00, 0.08, 0.08, 0.35
HSL	0°, 7%, 62%
HSV	0°, 8%, 65%
XYZ	32.4128, 32.7228, 34.3136
YIQ	155.8870, 7.7480, 2.7560

Conversions

Conversions Part 2

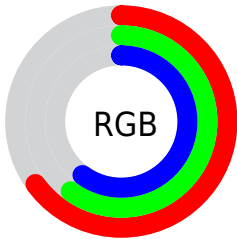
Format	Color
R_{YB}	165, 152, 152
Decimal	10852504
CIE Lab	63.94, 4.77, 1.72
CIE LCh	64, 5.074, 19.794
Yxy	32.7228, 0.3259, 0.3290
Android (android.graphics.Color)	4289042584 (0xFFA59898)
YUV	155.8870, -1.9163, 7.9921
Hunter-Lab	57.2038, 1.0348, 4.4777

Details

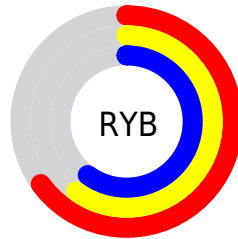
The XYZ color **32.4128, 32.7228, 34.3136** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.1955, 36.3018, 40.8551**, and the grayscale version is **31.5562, 33.1995, 36.1543**.

A 20% lighter version of the original color is **62.7271, 63.8145, 67.4039**, and **13.8127, 13.7577, 14.2394** is the 20% darker color. If you saturate the color by 10%, you get **28.6607, 27.2327, 26.8529**, and if you desaturate by 10%, it is **36.7272, 39.0358, 42.8900**.

Distribution



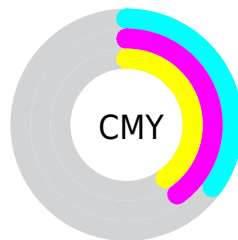
- Red (65%)
- Green (60%)
- Blue (60%)



- Red (65%)
- Yellow (60%)
- Blue (60%)



- Cyan (0%)
- Magenta (8%)
- Yellow (8%)
- Black (35%)



- Cyan (35%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4128, 32.7228, 34.3136 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 32.4128, 32.7228, 34.3136 by changing the saturation by 10% instead.

■ 32.4128, 32.7228,
34.3136

■ 32.4128, 32.7228,
34.3136

304.7074,
314.3988, 336.3399

■ 21.8341, 21.9142,
22.8553

■ 62.8185, 63.9425,
67.5605

■ 13.8509, 13.7939,
14.2824

■ 83.3762, 85.1224,
90.1862

■ 8.0981, 7.9774,
8.1764

107.9909,
110.5281, 117.3715

■ 4.2101, 4.0805,
4.1186

137.0280,
140.5442, 149.5348

■ 1.8217, 1.7187,
1.6906

170.8529,
175.5548, 187.0948

■ 0.5307, 0.4357,
0.3543

209.8308,

■ 0.0000, 0.0000,

215.9446, 230.4699

0.0000

254.3272,
262.0978, 280.0788

■ 32.4128, 32.7228,
34.3136

■ 32.4128, 32.7228,
34.3136

■ 28.6607, 27.2327,
26.8529

■ 36.7272, 39.0358,
42.8900

■ 25.4452, 22.5276,
20.4602

■ 41.6227, 46.1990,
52.6233

■ 22.7425, 18.5729,
15.0873

■ 47.1209, 54.2439,
63.5547

■ 20.5262, 15.3297,
10.6814

■ 53.2412, 63.1992,
75.7233

■ 18.7674, 12.7560,
7.1851

■ 60.0023, 73.0920,
89.1660

■ 17.4341, 10.8049,
4.5349

■ 67.4221, 83.9485,
103.9184

■ 16.4904, 9.4238,
2.6593

■ 69.3272, 86.7394,
107.6962

■ 15.8942, 8.5514,
1.4747

■ 15.5748, 8.0838,
0.8400

Harmonies

Analogous

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



32.4739, 32.7228, 36.3313



32.4128, 32.7228, 34.3136



31.9974, 32.7228, 32.7081

Triad

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



32.4128, 32.7228, 34.3136



30.0645, 32.7228, 33.1493



30.8592, 32.7228, 39.6442

Complementary

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



32.4128, 32.7228, 34.3136



33.1955, 36.3018, 40.8551

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.



30.2235, 32.7228, 38.7200



32.4128, 32.7228, 34.3136



29.7693, 32.7228, 34.9369

Square

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



32.4128, 32.7228, 34.3136



30.6391, 32.7228, 32.0539



29.8271, 32.7228, 36.9788



31.5696, 32.7228, 39.4617

Rectangle

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



32.4128, 32.7228, 34.3136



31.5790, 32.7228, 32.0630



29.8271, 32.7228, 36.9788



30.6299, 32.7228, 39.4513

Sweetspot

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



32.4137, 32.7242, 34.3143



62.4384, 65.0274, 70.1786



33.5373, 33.1729, 40.2332



13.6704, 14.2457, 15.3825



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



32.4137, 32.7242, 34.3143



57.1300, 57.2600, 59.6247



33.4973, 34.8915, 34.6755



7.0739, 7.0862, 7.3750



11.7392, 6.0523, 0.5495



0.2467, 0.1272, 0.0116

Inverse Universe

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



33.1955, 36.3018, 40.8551



58.7449, 64.6493, 73.1347



32.0532, 34.0172, 40.4743



7.2760, 8.0110, 9.0659



15.3121, 22.4035, 30.4471



0.3218, 0.4708, 0.6398

Previews

White Background



This preview shows how the XYZ color 32.4128, 32.7228, 34.3136 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 32.4128, 32.7228, 34.3136 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 32.4128, 32.7228, 34.3136

Background



This preview shows how black text looks on a background with the XYZ color 32.4128, 32.7228, 34.3136.



This preview shows how white text looks on a background with the XYZ color 32.4128, 32.7228,

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

32.4128, 32.7228, 34.3136

Protanopia

31.4059, 32.6802, 34.7896

Deuteranopia

33.3684, 32.7376, 34.2660



Tritanopia

33.1538, 32.5283, 38.7136

Trichromacy



Original Color

32.4128, 32.7228, 34.3136

Protanomaly

31.8389, 32.6594, 34.7628

Deuteranomaly

33.0963, 32.8352, 34.2992

Tritanomaly

32.9640, 32.7088, 36.9238

Monochromacy



Original Color

32.4128, 32.7228, 34.3136

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.9358, 33.1802, 35.7316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4128, 32.7228, 34.3136 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(165, 152, 152)` looks like.

```
.text, #text, p{  
    color:rgb(165, 152, 152)  
}
```

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(165, 152, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 152, 152) }
```

Border

The CSS property to change the border of an element to XYZ 32.4128, 32.7228, 34.3136 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(165, 152, 152) }
```


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

```
.border{ border-color:rgb(165, 152, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 152, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 152, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 152, 152);  
box-shadow:4px 4px 4px 4px rgb(165, 152,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4128, 32.7228, 34.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 152, 152) }
```

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

```
.background{ background-color: rgb(165,  
152, 152) }
```

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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