

Converting Colors

XYZ(32.3392, 32.4643, 34.3841)

Have a look what the booklet for
XYZ(32.3392, 32.4643, 34.3841)
contains.

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Color

**XYZ(32.2512, 32.3995,
34.2597)**

Conversions

Conversions Part 1

Format	Color
Hex	A59798
RGB	165, 151, 152
RGB Percent	65%, 59%, 60%
CMY	0.3529, 0.4078, 0.4039
CMYK	0.00, 0.08, 0.08, 0.35
HSL	356°, 7%, 62%
HSV	356°, 8%, 65%
XYZ	32.2512, 32.3995, 34.2597
YIQ	155.3000, 8.0230, 3.2790

Conversions

Conversions Part 2

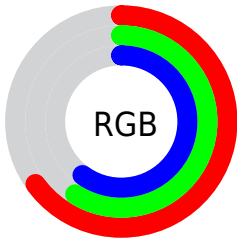
Format	Color
RYB	165, 151, 152
Decimal	10852248
CIELab	63.67, 5.33, 1.33
CIELCh	64, 5.495, 14.050
Yxy	32.3995, 0.3261, 0.3276
Android (android.graphics.Color)	4289042328 (0xFFA59798)
YUV	155.3000, -1.6269, 8.5069
Hunter-Lab	56.9206, 1.5272, 4.1586

Details

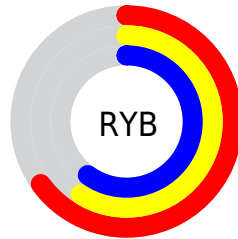
The XYZ color **32.2512, 32.3995, 34.2597** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.9197, 36.1709, 40.3704**, and the grayscale version is **31.2938, 32.9235, 35.8537**.

A 20% lighter version of the original color is **62.4871, 63.3345, 67.3239**, and **13.7162, 13.5646, 14.2072** is the 20% darker color. If you saturate the color by 10%, you get **28.6044, 26.9861, 27.2468**, and if you desaturate by 10%, it is **36.4337, 38.6240, 42.2521**.

Distribution



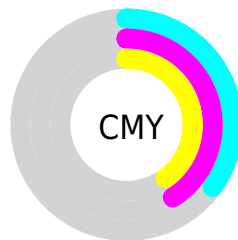
- Red (65%)
- Green (59%)
- Blue (60%)



- Red (65%)
- Yellow (59%)
- Blue (60%)



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



- Cyan (35%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2512, 32.3995, 34.2597 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 32.2512, 32.3995, 34.2597 by changing the saturation by 10% instead.

■ 32.2512, 32.3995,
34.2597

■ 32.2512, 32.3995,
34.2597

303.9870,
312.9351, 336.0929

■ 21.7099, 21.6668,
22.8142

■ 62.5672, 63.4369,
67.4758

■ 13.7593, 13.6123,
14.2524

■ 83.0727, 84.5103,
90.0835

■ 8.0340, 7.8515,
8.1556

107.6302,
109.7995, 117.2491

■ 4.1687, 4.0001,
4.1055

136.6052,
139.6888, 149.3910

■ 1.7980, 1.6736,
1.6834

170.3631,
174.5626, 186.9278

■ 0.5165, 0.4065,
0.3493

209.2691,

■ 0.0000, 0.0000,

214.8054, 230.2780

0.0000

253.6886,
260.8014, 279.8602

■ 32.2512, 32.3995,
34.2597

■ 32.2512, 32.3995,
34.2597

■ 28.6044, 26.9861,
27.2468

■ 36.4337, 38.6240,
42.2521

■ 25.4690, 22.3463,
21.1736

■ 41.1695, 45.6864,
51.2574

■ 22.8230, 18.4461,
16.0009

■ 46.4786, 53.6179,
61.3101

■ 20.6416, 15.2472,
11.6857

■ 52.3794, 62.4466,
72.4424

■ 18.8980, 12.7080,
8.1817

■ 58.8895, 72.1994,
84.6851

■ 17.5625, 10.7825,
5.4382

■ 66.0255, 82.9019,
98.0678

■ 16.6017, 9.4187,
3.3985

■ 69.3273, 86.7395,
107.6962

■ 15.9771, 8.5560,
1.9983

■ 15.6243, 8.0857,
1.1556

Harmonies

Analogous

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



32.2381, 32.3995, 36.4538



32.2512, 32.3995, 34.2597



31.8695, 32.3995, 32.4150

Triad

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



32.2512, 32.3995, 34.2597



29.7783, 32.3995, 32.3213



30.3903, 32.3995, 39.5069

Complementary

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



32.2512, 32.3995, 34.2597



32.9197, 36.1709, 40.3704

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.



29.7444, 32.3995, 38.3038



32.2512, 32.3995, 34.2597



29.3951, 32.3995, 34.1269

Square

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



32.2512, 32.3995, 34.2597



30.4373, 32.3995, 31.3278



29.3828, 32.3995, 36.3154



31.1550, 32.3995, 39.5461

Rectangle

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



32.2512, 32.3995, 34.2597



31.4462, 32.3995, 31.6060



29.3828, 32.3995, 36.3154



30.1524, 32.3995, 39.2230

Sweetspot

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



32.2521, 32.4009, 34.2604



61.7045, 63.8934, 68.9047



33.1346, 32.7260, 40.1683



13.3617, 13.7776, 14.8190



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.



32.2521, 32.4009, 34.2604



56.5834, 56.2778, 59.0999



33.1328, 34.2924, 34.1526



7.0933, 7.0938, 7.4777



11.7956, 6.0743, 0.8482



0.2536, 0.1299, 0.0482

Inverse Universe

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



32.2521, 32.4009, 34.2604



56.5834, 56.2778, 59.0999



31.9820, 34.1507, 40.5040



7.0933, 7.0938, 7.4777



11.7956, 6.0743, 0.8482



0.2536, 0.1299, 0.0482

Previews

White Background



This preview shows how the XYZ color 32.2512, 32.3995, 34.2597 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 32.2512, 32.3995, 34.2597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

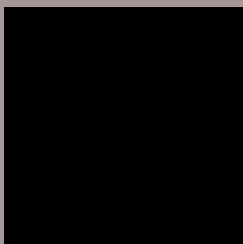
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

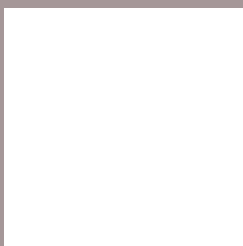
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.2512, 32.3995, 34.2597

Background



This preview shows how black text looks on a background with the XYZ color 32.2512, 32.3995, 34.2597.



This preview shows how white text looks on a background with the XYZ color 32.2512, 32.3995,

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

32.2512, 32.3995, 34.2597

Protanopia

31.2100, 32.5792, 34.7805

Deuteranopia

32.9925, 32.3079, 34.2029



Tritanopia

33.0653, 32.4929, 38.2472

Trichromacy



Original Color

32.2512, 32.3995, 34.2597

Protanomaly

31.6382, 32.5560, 34.7534

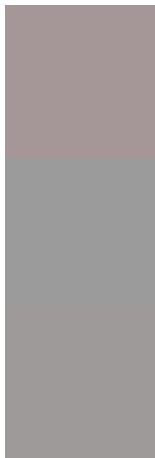
Deuteranomaly

32.7223, 32.4045, 34.2358

Tritanomaly

32.8038, 32.3883, 36.8704

Monochromacy



Original Color

32.2512, 32.3995, 34.2597

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.6864, 32.8152, 35.2358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2512, 32.3995, 34.2597 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, 151, 152)` looks like.

```
.text, #text, p{  
    color:rgb(165, 151, 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, 151, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 151, 152) }
```

Border

The CSS property to change the border of an element to XYZ 32.2512, 32.3995, 34.2597 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, 151, 152) }
```


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

```
.border{ border-color:rgb(165, 151, 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, 151, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 151, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 151, 152); box-shadow:4px 4px 4px 4px rgb(165, 151, 152) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2512, 32.3995, 34.2597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 151, 152) }
```

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

```
.background{ background-color: rgb(165,  
151, 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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