

Converting Colors

XYZ(30.7644, 32.1055, 34.7125)

Have a look what the booklet for
XYZ(30.7644, 32.1055, 34.7125)
contains.

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Color

**XYZ(30.8513, 32.1503,
34.7166)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9999
RGB	156, 153, 153
RGB Percent	61%, 60%, 60%
CMY	0.3882, 0.4000, 0.4000
CMYK	0.00, 0.02, 0.02, 0.39
HSL	0°, 1%, 61%
HSV	0°, 2%, 61%
XYZ	30.8513, 32.1503, 34.7166
YIQ	153.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

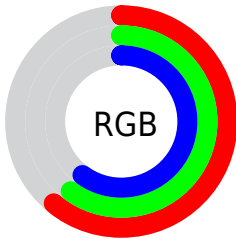
Format	Color
RYB	156, 153, 153
Decimal	10262937
CIELab	63.47, 1.09, 0.38
CIELCh	63, 1.157, 19.122
Yxy	32.1503, 0.3157, 0.3290
Android (android.graphics.Color)	4288453017 (0xFF9C9999)
YUV	153.8970, -0.4422, 1.8443
Hunter-Lab	56.7012, -2.1048, 3.3892

Details

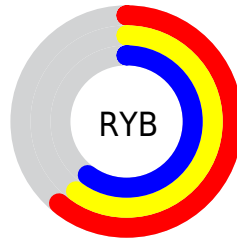
The XYZ color **30.8513, 32.1503, 34.7166** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.0261, 32.9491, 36.1775**, and the grayscale version is **30.6721, 32.2694, 35.1414**.

A 20% lighter version of the original color is **60.1537, 62.8323, 67.9889**, and **12.9753, 13.4653, 14.4856** is the 20% darker color. If you saturate the color by 10%, you get **27.2599, 26.8961, 27.5727**, and if you desaturate by 10%, it is **34.9463, 38.1412, 42.8603**.

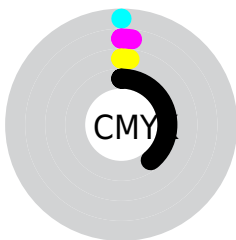
Distribution



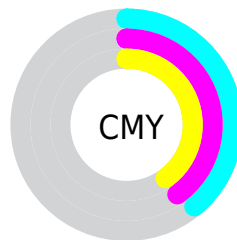
- Red (61%)
- Green (60%)
- Blue (60%)



- Red (61%)
- Yellow (60%)
- Blue (60%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (39%)



- Cyan (39%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8513, 32.1503, 34.7166 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 30.8513, 32.1503, 34.7166 by changing the saturation by 10% instead.

■ 30.8513, 32.1503,
34.7166

■ 30.8513, 32.1503,
34.7166

297.6918,
311.8033, 338.1818

■ 20.6369, 21.4763,
23.1628

■ 60.3833, 63.0466,
68.1931

■ 12.9698, 13.4726,
14.5074

■ 80.4317, 84.0378,
90.9529

■ 7.4846, 7.7548,
8.3316

104.4887,
109.2368, 118.2851

■ 3.8160, 3.9385,
4.2171

132.9198,
139.0280, 150.6084

■ 1.5986, 1.6392,
1.7452

166.0903,
173.7959, 188.3411

■ 0.3915, 0.3838,
0.3914

204.3656,

■ 0.0000, 0.0000,

213.9248, 231.9019

0.0000

248.1109,
259.7992, 281.7093

■ 30.8513, 32.1503,
34.7166

■ 30.8513, 32.1503,
34.7166

■ 27.2599, 26.8961,
27.5727

■ 34.9463, 38.1412,
42.8603

■ 24.1499, 22.3461,
21.3881

■ 39.5604, 44.8912,
52.0379

■ 21.5019, 18.4717,
16.1226

■ 44.7117, 52.4271,
62.2849

■ 19.2937, 15.2406,
11.7323

■ 50.4170, 60.7731,
73.6339

■ 17.5016, 12.6182,
8.1699

■ 56.6918, 69.9523,
86.1167

■ 16.0995, 10.5663,
5.3833

■ 63.5516, 79.9869,
99.7633

■ 15.0584, 9.0425,
3.3150

■ 67.5205, 85.8080,
107.6116

■ 14.3453, 7.9984,
1.8990

■ 13.9211, 7.3771,
1.0576

Harmonies

Analogous

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



30.8629, 32.1503, 35.1738



30.8513, 32.1503, 34.7166



30.7609, 32.1503, 34.3402

Triad

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



30.8513, 32.1503, 34.7166



30.3244, 32.1503, 34.4292



30.4995, 32.1503, 35.8840

Complementary

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



30.8513, 32.1503, 34.7166



31.0261, 32.9491, 36.1775

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.



30.3558, 32.1503, 35.6808



30.8513, 32.1503, 34.7166



30.2549, 32.1503, 34.8392

Square

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



30.8513, 32.1503, 34.7166



30.4566, 32.1503, 34.1753



30.2664, 32.1503, 35.2974



30.6594, 32.1503, 35.8505

Rectangle

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



30.8513, 32.1503, 34.7166



30.6683, 32.1503, 34.1844



30.2664, 32.1503, 35.2974



30.4477, 32.1503, 35.8411

Sweetspot

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



30.8522, 32.1517, 34.7173



56.6694, 59.3229, 64.3160



31.1027, 32.2512, 36.0387



12.4793, 13.0676, 14.1714



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



30.8522, 32.1517, 34.7173



55.9544, 58.2770, 62.8940



31.0988, 32.6449, 34.7995



7.2717, 7.5807, 8.1883



11.2945, 5.8246, 0.5290



0.2021, 0.1044, 0.0095

Inverse Universe

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



31.0261, 32.9491, 36.1775



56.2891, 59.8120, 65.7048



30.7764, 32.4497, 36.0942



7.3111, 7.7616, 8.5195



14.7159, 21.5233, 29.2860



0.2633, 0.3851, 0.5237

Previews

White Background



This preview shows how the XYZ color 30.8513, 32.1503, 34.7166 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 30.8513, 32.1503, 34.7166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

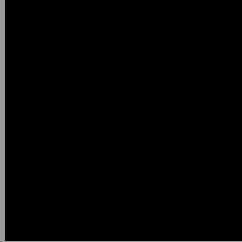
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

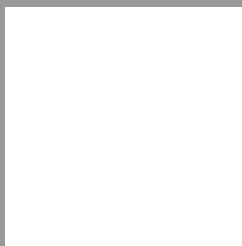
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.8513, 32.1503, 34.7166

Background



This preview shows how black text looks on a background with the XYZ color 30.8513, 32.1503, 34.7166.

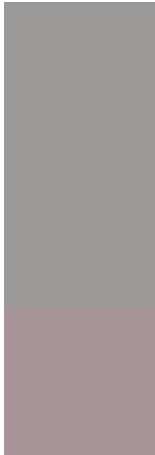


This preview shows how white text looks on a background with the XYZ color 30.8513, 32.1503,

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

30.8513, 32.1503, 34.7166

Protanopia

30.8513, 32.1503, 34.7166

Deuteranopia

32.7286, 32.1528, 35.0530



Tritanopia

31.7780, 32.0467, 39.1611

Trichromacy



Original Color

30.8513, 32.1503, 34.7166

Protanomaly

30.8513, 32.1503, 34.7166

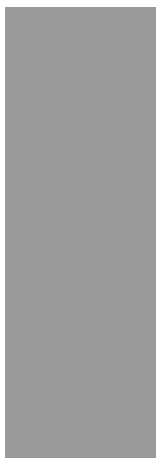
Deuteranomaly

32.0489, 32.0383, 35.0667

Tritanomaly

31.3909, 32.1278, 37.3477

Monochromacy



Original Color

30.8513, 32.1503, 34.7166

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.9059, 32.4129, 35.1992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8513, 32.1503, 34.7166 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(156, 153, 153)` looks like.

```
.text, #text, p{  
    color:rgb(156, 153, 153)  
}
```

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(156, 153, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 153, 153) }
```

Border

The CSS property to change the border of an element to XYZ 30.8513, 32.1503, 34.7166 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(156, 153, 153) }
```


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

```
.border{ border-color:rgb(156, 153, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 153, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 153, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 153, 153);  
box-shadow:4px 4px 4px 4px rgb(156, 153,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8513, 32.1503, 34.7166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 153, 153) }
```

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

```
.background{ background-color: rgb(156,  
153, 153) }
```

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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