

Converting Colors

XYZ(30.7060, 32.4494, 34.7821)

Have a look what the booklet for
XYZ(30.7060, 32.4494, 34.7821)
contains.

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Color

**XYZ(30.7975, 32.6126,
34.8087)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9B99
RGB	154, 155, 153
RGB Percent	60%, 61%, 60%
CMY	0.3961, 0.3921, 0.4000
CMYK	0.01, 0.00, 0.01, 0.39
HSL	90°, 1%, 60%
HSV	90°, 1%, 61%
XYZ	30.7975, 32.6126, 34.8087
YIQ	154.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

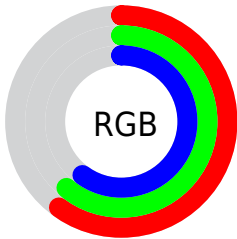
Format	Color
R _Y B	153, 155, 154
Decimal	10132377
CIE Lab	63.85, -0.74, 0.91
CIE LCh	64, 1.175, 129.103
Yxy	32.6126, 0.3136, 0.3320
Android (android.graphics.Color)	4288322457 (0xFF9A9B99)
YUV	154.4730, -0.7262, -0.4148
Hunter-Lab	57.1074, -3.6747, 3.8362

Details

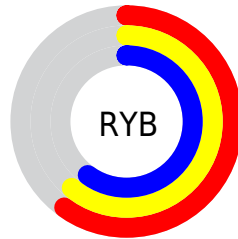
The XYZ color **30.7975, 32.6126, 34.8087** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.6354, 32.0200, 35.5778**, and the grayscale version is **30.9269, 32.5375, 35.4334**.

A 20% lighter version of the original color is **60.0754, 63.5158, 68.1250**, and **12.9421, 13.7435, 14.5410** is the 20% darker color. If you saturate the color by 10%, you get **28.1696, 31.3972, 28.4313**, and if you desaturate by 10%, it is **33.6892, 33.9466, 42.0680**.

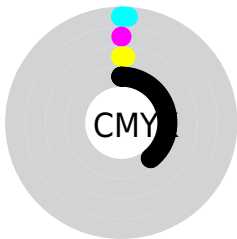
Distribution



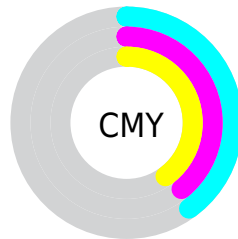
- Red (60%)
- Green (61%)
- Blue (60%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (39%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7975, 32.6126, 34.8087 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 30.7975, 32.6126, 34.8087 by changing the saturation by 10% instead.

■ 30.7975, 32.6126,
34.8087

■ 30.7975, 32.6126,
34.8087

297.4479,
313.9005, 338.6017

■ 20.5958, 21.8298,
23.2332

■ 60.2991, 63.7702,
68.3375

■ 12.9396, 13.7319,
14.5589

■ 80.3297, 84.9139,
91.1279

■ 7.4637, 7.9344,
8.3672

104.3673,
110.2800, 118.4936

■ 3.8026, 4.0530,
4.2397

132.7773,
140.2529, 150.8533

■ 1.5911, 1.7033,
1.7577

165.9250,
175.2170, 188.6254

■ 0.3866, 0.4258,
0.3999

204.1757,

■ 0.0000, 0.0000,

215.5567, 232.2284

0.0000

247.8949,
261.6564, 282.0810

■ 30.7975, 32.6126,
34.8087

■ 30.7975, 32.6126,
34.8087

■ 28.1696, 31.3972,
28.4313

■ 33.6892, 33.9466,
42.0680

■ 25.7945, 30.2928,
22.9001

■ 36.8497, 35.3983,
50.2389

■ 23.6647, 29.2971,
18.1801

■ 40.2873, 36.9723,
59.3522

■ 21.7709, 28.4062,
14.2330

■ 44.0092, 38.6717,
69.4367

■ 20.1033, 27.6160,
11.0174

■ 48.0221, 40.4992,
80.5200

■ 18.6513, 26.9220,
8.4882

■ 52.3327, 42.4579,
92.6286

■ 17.4034, 26.3192,
6.5952

■ 55.8822, 44.1243,
100.1793

■ 16.3464, 25.8023,
5.2811

■ 58.1238, 45.2798,
100.2842

■ 15.4654, 25.3650,
4.4786

■ 60.4737, 46.4913,
100.3941

Harmonies

Analogous

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



30.9471, 32.6126, 34.6194



30.7975, 32.6126, 34.8087



30.7017, 32.6126, 35.1863

Triad

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



30.7975, 32.6126, 34.8087



30.8842, 32.6126, 36.3658



31.3118, 32.6126, 35.3659

Complementary

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



30.7975, 32.6126, 34.8087



30.6354, 32.0200, 35.5778

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.



31.2948, 32.6126, 35.8349



30.7975, 32.6126, 34.8087



31.0476, 32.6126, 36.4149

Square

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



30.7975, 32.6126, 34.8087



30.7516, 32.6126, 36.0861



31.1980, 32.6126, 36.2198



31.2443, 32.6126, 34.9392

Rectangle

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



30.7975, 32.6126, 34.8087



30.6810, 32.6126, 35.4953



31.1980, 32.6126, 36.2198



31.3158, 32.6126, 35.5238

Sweetspot

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



30.7984, 32.6140, 34.8094



55.7959, 58.7016, 63.9261



30.8242, 32.3809, 34.7631



12.6291, 13.2868, 14.4694



74.8435, 78.7412, 85.7492

Same Dimension

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



30.7984, 32.6140, 34.8094



54.7860, 58.2352, 61.4296



30.6090, 32.5163, 34.8005



6.8474, 7.2713, 7.6938



11.9406, 20.1315, 3.2564



0.2204, 0.3226, 0.0506

Inverse Universe

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



30.6354, 32.0200, 35.5778



54.3275, 56.5645, 63.5910



30.8264, 32.1185, 35.5868



6.7956, 7.0826, 7.9379



7.2958, 3.2122, 25.1432



0.1510, 0.0696, 0.3779

Previews

White Background



This preview shows how the XYZ color 30.7975, 32.6126, 34.8087 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 30.7975, 32.6126, 34.8087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

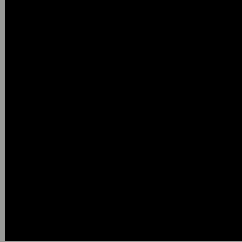
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.7975, 32.6126, 34.8087

Background



This preview shows how black text looks on a background with the XYZ color 30.7975, 32.6126, 34.8087.



This preview shows how white text looks on a background with the XYZ color 30.7975, 32.6126, 34.8087.

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

30.7975, 32.6126, 34.8087

Protanopia

31.3236, 32.6473, 34.3564

Deuteranopia

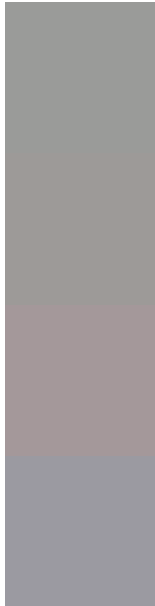
33.3166, 32.6918, 35.1260



Tritanopia

31.8931, 32.5670, 40.2024

Trichromacy



Original Color

30.7975, 32.6126, 34.8087

Protanomaly

31.1277, 32.5463, 34.3472

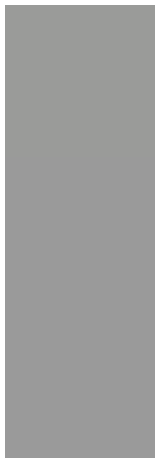
Deuteranomaly

32.3708, 32.6821, 35.1740

Tritanomaly

31.5062, 32.6530, 38.3603

Monochromacy



Original Color

30.7975, 32.6126, 34.8087

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.7148, 32.3143, 35.1903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7975, 32.6126, 34.8087 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(154, 155, 153)` looks like.

```
.text, #text, p{  
    color:rgb(154, 155, 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(154, 155, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 155, 153) }
```

Border

The CSS property to change the border of an element to XYZ 30.7975, 32.6126, 34.8087 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(154, 155, 153) }
```

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

```
.border{ border-color:rgb(154, 155, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 155, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 155, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 155, 153);  
box-shadow:4px 4px 4px 4px rgb(154, 155,  
153) }
```


Background

The CSS property to change the background color of an element to XYZ 30.7975, 32.6126, 34.8087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 155, 153) }
```

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

```
.background{ background-color: rgb(154,  
155, 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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