

Converting Colors

XYZ(30.5289, 30.9561, 35.1202)

Have a look what the booklet for
XYZ(30.5289, 30.9561, 35.1202)
contains.

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Color

**XYZ(30.4848, 30.9961,
34.9480)**

Conversions

Conversions Part 1

Format	Color
Hex	9D959A
RGB	157, 149, 154
RGB Percent	62%, 58%, 60%
CMY	0.3843, 0.4157, 0.3961
CMYK	0.00, 0.05, 0.02, 0.38
HSL	323°, 4%, 60%
HSV	323°, 5%, 62%
XYZ	30.4848, 30.9961, 34.9480
YIQ	151.9620, 3.1630, 3.2510

Conversions

Conversions Part 2

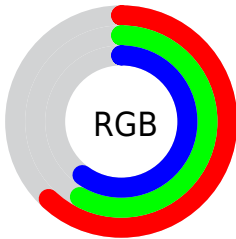
Format	Color
R _Y B	157, 149, 154
Decimal	10327450
CIE Lab	62.50, 3.88, -1.58
CIE LCh	63, 4.187, 337.775
Yxy	30.9961, 0.3161, 0.3214
Android (android.graphics.Color)	4288517530 (0xFF9D959A)
YUV	151.9620, 1.0047, 4.4183
Hunter-Lab	55.6741, 0.3093, 1.7541

Details

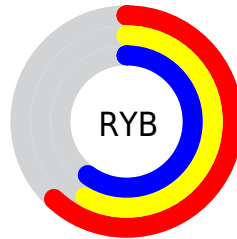
The XYZ color **30.4848, 30.9961, 34.9480** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.1200, 32.7713, 34.4453**, and the grayscale version is **29.8242, 31.3774, 34.1700**.

A 20% lighter version of the original color is **59.8925, 61.2630, 68.3428**, and **12.7597, 12.7788, 14.6260** is the 20% darker color. If you saturate the color by 10%, you get **27.6881, 26.1682, 31.6551**, and if you desaturate by 10%, it is **33.6422, 36.5060, 38.4807**.

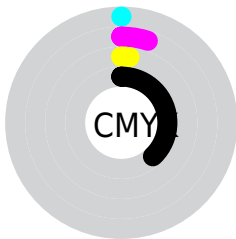
Distribution



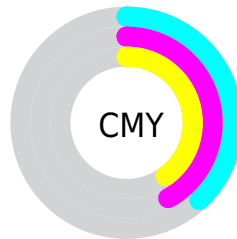
- Red (62%)
- Green (58%)
- Blue (60%)



- Red (62%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (38%)



- Cyan (38%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4848, 30.9961, 34.9480 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 30.4848, 30.9961, 34.9480 by changing the saturation by 10% instead.

■ 30.4848, 30.9961,
34.9480

■ 30.4848, 30.9961,
34.9480

296.0272,
306.5204, 339.2360

■ 20.3568, 20.5959,
23.3396

■ 59.8094, 61.2339,
68.5559

■ 12.7644, 12.8289,
14.6368

■ 79.7367, 81.8403,
91.3924

■ 7.3424, 7.3108,
8.4211

103.6610,
106.6176, 118.8087

■ 3.7254, 3.6573,
4.2740

131.9479,
135.9501, 151.2234

■ 1.5480, 1.4837,
1.7768

164.9626,
170.2222, 189.0549

■ 0.3581, 0.2772,
0.4126

203.0705,

■ 0.0000, 0.0000,

209.8184, 232.7218

0.0000

246.6369,
255.1229, 282.6427

■ 30.4848, 30.9961,
34.9480

■ 30.4848, 30.9961,
34.9480

■ 27.6881, 26.1682,
31.6551

■ 33.6422, 36.5060,
38.4807

■ 25.2359, 21.9916,
28.5936

■ 37.1705, 42.7192,
42.2570

■ 23.1144, 18.4391,
25.7578

■ 41.0828, 49.6609,
46.2834

■ 21.3080, 15.4800,
23.1406

■ 45.3909, 57.3540,
50.5653

■ 19.7999, 13.0811,
20.7346

■ 50.1059, 65.8202,
55.1080

■ 18.5714, 11.2058,
18.5318

■ 55.2385, 75.0805,
59.9166

■ 17.6018, 9.8132,
16.5233

■ 59.5407, 82.6385,
64.5765

■ 16.8672, 8.8563,
14.6992

■ 60.2210, 82.9107,
68.1588

■ 16.3373, 8.2749,
13.0475

■ 60.9278, 83.1934,
71.8810

Harmonies

Analogous

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



30.1358, 30.9961, 36.2860



30.4848, 30.9961, 34.9480



30.5577, 30.9961, 33.3276

Triad

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



30.4848, 30.9961, 34.9480



29.3132, 30.9961, 30.7406



28.6049, 30.9961, 35.7045

Complementary

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



30.4848, 30.9961, 34.9480



30.1200, 32.7713, 34.4453

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.



28.3906, 30.9961, 34.1749



30.4848, 30.9961, 34.9480



28.7961, 30.9961, 31.3340

Square

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



30.4848, 30.9961, 34.9480



29.8764, 30.9961, 30.9326



28.4601, 30.9961, 32.5787



29.0492, 30.9961, 36.7324

Rectangle

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



30.4848, 30.9961, 34.9480



30.4390, 30.9961, 32.3110



28.4601, 30.9961, 32.5787



28.5039, 30.9961, 35.2300

Sweetspot

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



30.4857, 30.9974, 34.9487



56.2540, 58.3954, 64.4756



29.7709, 30.5997, 36.2359



12.3933, 12.8756, 14.2044



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.



30.4857, 30.9974, 34.9487



54.0551, 54.5739, 61.9667



30.1635, 30.8686, 33.2522



6.9839, 7.0331, 8.0059



13.1061, 6.5470, 10.0758



0.2543, 0.1250, 0.2853

Inverse Universe

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



30.4857, 30.9974, 34.9487



54.0551, 54.5739, 61.9667



30.4475, 32.9022, 36.1695



6.9839, 7.0331, 8.0059



13.1061, 6.5470, 10.0758



0.2543, 0.1250, 0.2853

Previews

White Background



This preview shows how the XYZ color 30.4848, 30.9961, 34.9480 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 30.4848, 30.9961, 34.9480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

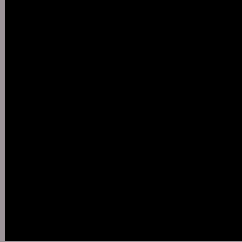
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.4848, 30.9961, 34.9480

Background



This preview shows how black text looks on a background with the XYZ color 30.4848, 30.9961, 34.9480.



This preview shows how white text looks on a background with the XYZ color 30.4848, 30.9961,

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

30.4848, 30.9961, 34.9480

Protanopia

29.9596, 30.9516, 35.4056

Deuteranopia

31.5051, 30.8168, 35.2981



Tritanopia

31.0356, 30.9870, 37.6030

Trichromacy



Original Color

30.4848, 30.9961, 34.9480

Protanomaly

30.1492, 31.0493, 35.4144

Deuteranomaly

31.0481, 30.8111, 35.3211

Tritanomaly

30.8620, 30.9175, 36.6888

Monochromacy



Original Color

30.4848, 30.9961, 34.9480

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.1428, 31.3031, 34.5904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4848, 30.9961, 34.9480 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(157, 149, 154)` looks like.

```
.text, #text, p{  
    color:rgb(157, 149, 154)  
}
```

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(157, 149, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 149, 154) }
```

Border

The CSS property to change the border of an element to XYZ 30.4848, 30.9961, 34.9480 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(157, 149, 154) }
```


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

```
.border{ border-color:rgb(157, 149, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 149, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 149, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 149, 154);  
box-shadow:4px 4px 4px 4px rgb(157, 149,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4848, 30.9961, 34.9480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 149, 154) }
```

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

```
.background{ background-color: rgb(157,  
149, 154) }
```

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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