

Converting Colors

XYZ(30.4320, 29.9902, 30.7873)

Have a look what the booklet for
XYZ(30.4320, 29.9902, 30.7873)
contains.

XYZ(30.3939, 29.8834, 30.9542)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.3939, 29.8834,
30.9542)**

Conversions

Conversions Part 1

Format	Color
Hex	A49091
RGB	164, 144, 145
RGB Percent	64%, 56%, 57%
CMY	0.3569, 0.4353, 0.4314
CMYK	0.00, 0.12, 0.12, 0.36
HSL	357°, 10%, 60%
HSV	357°, 12%, 64%
XYZ	30.3939, 29.8834, 30.9542
YIQ	150.0940, 11.5990, 4.5510

Conversions

Conversions Part 2

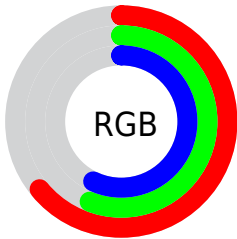
Format	Color
RYB	164, 144, 145
Decimal	10784913
CIELab	61.55, 7.63, 2.21
CIELCh	62, 7.946, 16.116
Yxy	29.8834, 0.3332, 0.3276
Android (android.graphics.Color)	4288974993 (0xFFA49091)
YUV	150.0940, -2.5113, 12.1956
Hunter-Lab	54.6657, 3.5802, 4.6933

Details

The XYZ color **30.3939, 29.8834, 30.9542** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.3890, 35.1252, 39.7775**, and the grayscale version is **29.0369, 30.5491, 33.2679**.

A 20% lighter version of the original color is **59.7163, 59.5718, 62.3839**, and **12.7504, 12.2764, 12.5240** is the 20% darker color. If you saturate the color by 10%, you get **26.9679, 24.8240, 24.2852**, and if you desaturate by 10%, it is **34.3473, 35.7331, 38.6129**.

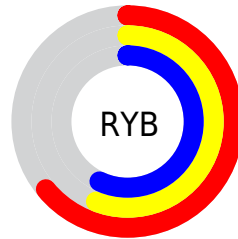
Distribution



Red (64%)

Green (56%)

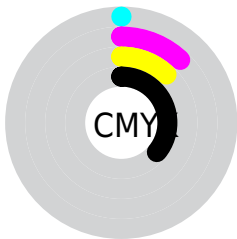
Blue (57%)



Red (64%)

Yellow (56%)

Blue (57%)

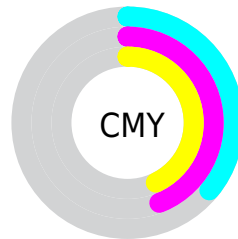


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (36%)



Cyan (36%)

Magenta (44%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3939, 29.8834, 30.9542 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 30.3939, 29.8834, 30.9542 by changing the saturation by 10% instead.

■ 30.3939, 29.8834,
30.9542

■ 30.3939, 29.8834,
30.9542

295.6132,
301.3606, 320.6719

■ 20.2873, 19.7501,
20.3058

■ 59.6669, 59.4777,
62.2467

■ 12.7135, 12.2135,
12.4312

■ 79.5641, 79.7076,
83.7279

■ 7.3072, 6.8893,
6.9120

103.4554,
104.0717, 109.6570

■ 3.7030, 3.3929,
3.3295

131.7064,
132.9545, 140.4528

■ 1.5355, 1.3402,
1.2652

164.6823,
166.7404, 176.5336

■ 0.3498, 0.1720,
0.0331

202.7485,

■ 0.0000, 0.0000,

205.8138, 218.3180

0.0000

246.2703,
250.5590, 266.2246

■ 30.3939, 29.8834,
30.9542

■ 30.3939, 29.8834,
30.9542

■ 26.9679, 24.8240,
24.2852

■ 34.3473, 35.7331,
38.6129

■ 24.0446, 20.5172,
18.5636

■ 38.8464, 42.4008,
47.2972

■ 21.6011, 16.9284,
13.7471

■ 43.9117, 49.9175,
57.0439

■ 19.6118, 14.0184,
9.7893

■ 49.5620, 58.3118,
67.8871

■ 18.0485, 11.7446,
6.6398

■ 55.8151, 67.6107,
79.8594

■ 16.8803, 10.0593,
4.2427

■ 62.6882, 77.8401,
92.9923

■ 16.0716, 8.9082,
2.5353

■ 68.9719, 86.5734,
106.9071

■ 15.5807, 8.2271,
1.4446

■ 69.1199, 86.6326,
107.6865

■ 15.3547, 7.9105,
0.9523

Harmonies

Analogous

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



30.4153, 29.8834, 33.9498



30.3939, 29.8834, 30.9542



29.8306, 29.8834, 28.5336

Triad

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



30.3939, 29.8834, 30.9542



26.9683, 29.8834, 28.6802



27.9200, 29.8834, 38.5003

Complementary

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



30.3939, 29.8834, 30.9542



31.3890, 35.1252, 39.7775

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.



27.0222, 29.8834, 36.9004



30.3939, 29.8834, 30.9542



26.4820, 29.8834, 31.1657

Square

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



30.3939, 29.8834, 30.9542



27.8448, 29.8834, 27.2773



26.5015, 29.8834, 34.1748



28.9692, 29.8834, 38.4349

Rectangle

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



30.3939, 29.8834, 30.9542



29.2313, 29.8834, 27.5169



26.5015, 29.8834, 34.1748



27.5911, 29.8834, 38.1353

Sweetspot

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



30.3947, 29.8847, 30.9548



60.9205, 62.7510, 67.3315



31.7791, 30.4147, 39.3178



13.2006, 13.5442, 14.4920



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.



30.3947, 29.8847, 30.9548



53.1496, 51.2578, 52.2596



31.7359, 32.6896, 31.0243



7.0874, 7.0914, 7.4468



11.7785, 6.0675, 0.7584



0.2515, 0.1291, 0.0372

Inverse Universe

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



30.3947, 29.8847, 30.9548



53.1496, 51.2578, 52.2596



29.9249, 32.0534, 39.7318



7.0874, 7.0914, 7.4468



11.7785, 6.0675, 0.7584



0.2515, 0.1291, 0.0372

Previews

White Background



This preview shows how the XYZ color 30.3939, 29.8834, 30.9542 looks on a white background.

Color Contrast Check

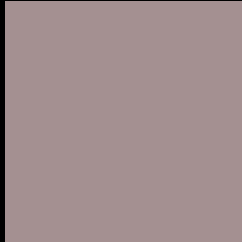
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3939, 29.8834, 30.9542 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 × Fail

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

XYZ 30.3939, 29.8834, 30.9542

Background



This preview shows how black text looks on a background with the XYZ color 30.3939, 29.8834, 30.9542.



This preview shows how white text looks on a background with the XYZ color 30.3939, 29.8834,

30.9542.

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

30.3939, 29.8834, 30.9542

Protanopia

28.8053, 29.9618, 31.8688

Deuteranopia

30.3939, 29.8834, 30.9542



Tritanopia

31.1722, 29.9773, 34.7151

Trichromacy



Original Color

30.3939, 29.8834, 30.9542

Protanomaly

29.3323, 30.0107, 31.4408

Deuteranomaly

30.3939, 29.8834, 30.9542

Tritanomaly

30.9254, 29.8786, 33.4154

Monochromacy



Original Color

30.3939, 29.8834, 30.9542

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.4528, 30.2865, 32.3105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3939, 29.8834, 30.9542 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(164, 144, 145)` looks like.

```
.text, #text, p{  
    color:rgb(164, 144, 145)  
}
```

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(164, 144, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 144, 145) }
```

Border

The CSS property to change the border of an element to XYZ 30.3939, 29.8834, 30.9542 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(164, 144, 145) }
```


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

```
.border{ border-color:rgb(164, 144, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 144, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 144, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 144, 145);  
box-shadow:4px 4px 4px 4px rgb(164, 144,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3939, 29.8834, 30.9542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 144, 145) }
```

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

```
.background{ background-color: rgb(164,  
144, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor