

Converting Colors

XYZ(29.3702, 30.1668, 30.1824)

Have a look what the booklet for
XYZ(29.3702, 30.1668, 30.1824)
contains.

XYZ(29.2963, 30.0187, 30.2367)	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(29.2963, 30.0187,
30.2367)**

Conversions

Conversions Part 1

Format	Color
Hex	9D938F
RGB	157, 147, 143
RGB Percent	62%, 58%, 56%
CMY	0.3843, 0.4235, 0.4392
CMYK	0.00, 0.06, 0.09, 0.38
HSL	17°, 7%, 59%
HSV	17°, 9%, 62%
XYZ	29.2963, 30.0187, 30.2367
YIQ	149.5340, 7.2440, 0.8760

Conversions

Conversions Part 2

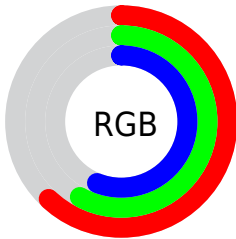
Format	Color
RYB	157, 149, 143
Decimal	10326927
CIELab	61.67, 2.96, 3.43
CIELCh	62, 4.534, 49.182
Yxy	30.0187, 0.3271, 0.3352
Android (android.graphics.Color)	4288517007 (0xFF9D938F)
YUV	149.5340, -3.2213, 6.5477
Hunter-Lab	54.7893, -0.4359, 5.6320

Details

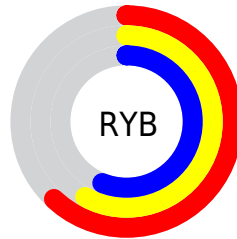
The XYZ color **29.2963, 30.0187, 30.2367** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.8047, 31.0560, 36.3750**, and the grayscale version is **28.8039, 30.3039, 33.0010**.

A 20% lighter version of the original color is **58.1161, 59.8016, 61.3031**, and **12.1025, 12.2202, 12.0768** is the 20% darker color. If you saturate the color by 10%, you get **26.5302, 26.2583, 23.8517**, and if you desaturate by 10%, it is **32.4005, 34.1882, 37.5564**.

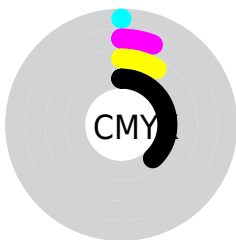
Distribution



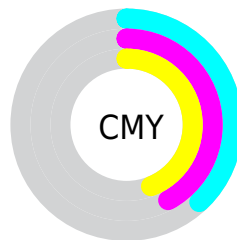
- Red (62%)
- Green (58%)
- Blue (56%)



- Red (62%)
- Yellow (58%)
- Blue (56%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (38%)



- Cyan (38%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2963, 30.0187, 30.2367 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 29.2963, 30.0187, 30.2367 by changing the saturation by 10% instead.

■ 29.2963, 30.0187,
30.2367

■ 29.2963, 30.0187,
30.2367

290.5795,
301.9916, 317.2478

■ 19.4505, 19.8528,
19.7647

■ 57.9418, 59.6918,
61.1017

■ 12.1022, 12.2881,
12.0418

■ 77.4722, 79.9677,
82.3319

■ 6.8860, 6.9402,
6.6492

100.9616,
104.3824, 107.9852

■ 3.4366, 3.4247,
3.1686

128.7752,
133.3203, 138.4802

■ 1.3886, 1.3573,
1.1814

161.2784,
167.1658, 174.2354

■ 0.2481, 0.1849,
0.0000

198.8367,

■ 0.0000, 0.0000,

206.3032, 215.6694

0.0000

241.8152,
251.1170, 263.2007

■ 29.2963, 30.0187,
30.2367

■ 29.2963, 30.0187,
30.2367

■ 26.5302, 26.2583,
23.8517

■ 32.4005, 34.1882,
37.5564

■ 24.0880, 22.8906,
18.3617

■ 35.8514, 38.7747,
45.8445

■ 21.9581, 19.9039,
13.7269

■ 39.6604, 43.7909,
55.1355

■ 20.1272, 17.2843,
9.9037

■ 43.8378, 49.2477,
65.4614

■ 18.5811, 15.0173,
6.8448

■ 48.3931, 55.1557,
76.8530

■ 17.3044, 13.0870,
4.4977

■ 53.3357, 61.5251,
89.3398

■ 16.2798, 11.4766,
2.8034

■ 58.6747, 68.3656,
102.9499

■ 15.4878, 10.1673,
1.6931

■ 62.1505, 74.7795,
105.7660

■ 14.8951, 9.1339,
1.0268

■ 65.4931, 81.4647,
106.8802

Harmonies

Analogous

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



29.6407, 30.0187, 31.6066



29.2963, 30.0187, 30.2367



28.7500, 30.0187, 29.5317

Triad

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



29.2963, 30.0187, 30.2367



27.4084, 30.0187, 32.0661



28.9144, 30.0187, 35.9221

Complementary

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



29.2963, 30.0187, 30.2367



28.8047, 31.0560, 36.3750

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.



28.3149, 30.0187, 36.0557



29.2963, 30.0187, 30.2367



27.4510, 30.0187, 33.7882

Square

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



29.2963, 30.0187, 30.2367



27.6636, 30.0187, 30.5629



27.7809, 30.0187, 35.2626



29.4181, 30.0187, 34.9036

Rectangle

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



29.2963, 30.0187, 30.2367



28.3473, 30.0187, 29.5163



27.7809, 30.0187, 35.2626



28.7172, 30.0187, 36.0733

Sweetspot

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



29.2971, 30.0200, 30.2373



55.6497, 58.0463, 61.6245



29.4800, 29.1145, 34.2178



12.1504, 12.6452, 13.3359



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.



29.2971, 30.0200, 30.2373



51.2780, 52.1527, 51.3818



30.4131, 32.2519, 30.6093



6.7799, 6.9397, 6.9678



12.0801, 7.3958, 0.7908



0.2494, 0.1991, 0.0253

Inverse Universe

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



28.8047, 31.0560, 36.3750



50.1859, 54.4495, 64.9915



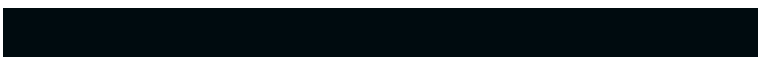
27.6980, 28.8425, 36.0060



6.6615, 7.1887, 8.4431



9.6914, 11.4743, 27.6112



0.2072, 0.2730, 0.5050

Previews

White Background



This preview shows how the XYZ color 29.2963, 30.0187, 30.2367 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 29.2963, 30.0187, 30.2367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

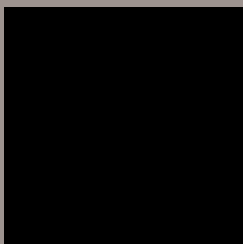
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

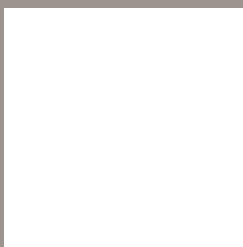
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2963, 30.0187, 30.2367

Background



This preview shows how black text looks on a background with the XYZ color 29.2963, 30.0187, 30.2367.



This preview shows how white text looks on a background with the XYZ color 29.2963, 30.0187,

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

29.2963, 30.0187, 30.2367

Protanopia

28.7608, 29.9657, 30.6537

Deuteranopia

30.5244, 29.9595, 30.5595



Tritanopia

30.4242, 30.0220, 35.6438

Trichromacy



Original Color

29.2963, 30.0187, 30.2367

Protanomaly

28.9504, 30.0635, 30.6625

Deuteranomaly

30.0597, 29.9458, 30.5814

Tritanomaly

29.9653, 30.0612, 33.5012

Monochromacy



Original Color

29.2963, 30.0187, 30.2367

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.1508, 30.3738, 31.9301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2963, 30.0187, 30.2367 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, 147, 143)` looks like.

```
.text, #text, p{  
    color:rgb(157, 147, 143)  
}
```

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, 147, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 147, 143) }
```

Border

The CSS property to change the border of an element to XYZ 29.2963, 30.0187, 30.2367 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, 147, 143) }
```


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

```
.border{ border-color:rgb(157, 147, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 147, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 147, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 147, 143);  
box-shadow:4px 4px 4px 4px rgb(157, 147,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2963, 30.0187, 30.2367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 147, 143) }
```

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

```
.background{ background-color: rgb(157,  
147, 143) }
```

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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