

Converting Colors

XYZ(28.4337, 28.6886, 30.0988)

Have a look what the booklet for
XYZ(28.4337, 28.6886, 30.0988)
contains.

XYZ(28.4907, 28.6960, 30.0239)	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(28.4907, 28.6960,
30.0239)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8F8F
RGB	156, 143, 143
RGB Percent	61%, 56%, 56%
CMY	0.3882, 0.4392, 0.4392
CMYK	0.00, 0.08, 0.08, 0.39
HSL	0°, 6%, 59%
HSV	0°, 8%, 61%
XYZ	28.4907, 28.6960, 30.0239
YIQ	146.8870, 7.7480, 2.7560

Conversions

Conversions Part 2

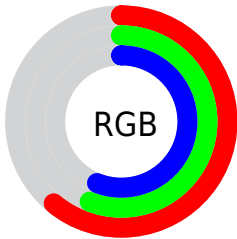
Format	Color
R_{YB}	156, 143, 143
Decimal	10260367
CIE _{Lab}	60.51, 4.83, 1.74
CIE _{LCh}	61, 5.134, 19.827
Yxy	28.6960, 0.3267, 0.3290
Android (android.graphics.Color)	4288450447 (0xFF9C8F8F)
YUV	146.8870, -1.9163, 4.2675
Hunter-Lab	53.5686, 1.1908, 4.2675

Details

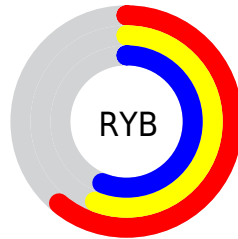
The XYZ color **28.4907, 28.6960, 30.0239** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.2169, 32.0164, 36.0928**, and the grayscale version is **27.6926, 29.1347, 31.7277**.

A 20% lighter version of the original color is **56.9083, 57.8126, 60.9829**, and **11.7158, 11.6223, 11.9818** is the 20% darker color. If you saturate the color by 10%, you get **25.2095, 23.8948, 23.4995**, and if you desaturate by 10%, it is **32.2635, 34.2165, 37.5237**.

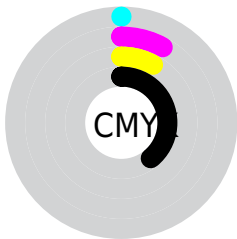
Distribution



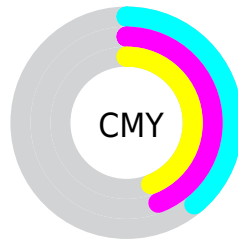
- Red (61%)
- Green (56%)
- Blue (56%)



- Red (61%)
- Yellow (56%)
- Blue (56%)



- Cyan (0%)
- Magenta (8%)
- Yellow (8%)
- Black (39%)



- Cyan (39%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4907, 28.6960, 30.0239 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 28.4907, 28.6960, 30.0239 by changing the saturation by 10% instead.

■ 28.4907, 28.6960,
30.0239

■ 28.4907, 28.6960,
30.0239

286.8420,
295.7779, 316.2266

■ 18.8382, 18.8510,
19.6045

■ 56.6701, 57.5937,
60.7614

■ 11.6568, 11.5626,
11.9267

■ 75.9277, 77.4152,
81.9167

■ 6.5809, 6.4466,
6.5718

■ 99.1178, 101.3310,
107.4876

■ 3.2454, 3.1185,
3.1215

126.6057,
129.7255, 137.8928

■ 1.2848, 1.1939,
1.1570

158.7567,
162.9830, 173.5507

■ 0.1718, 0.0567,
0.0000

195.9361,

■ 0.0000, 0.0000,

201.4880, 214.8800

0.0000

238.5095,
245.6248, 262.2991

■ 28.4907, 28.6960,
30.0239

■ 28.4907, 28.6960,
30.0239

■ 25.2095, 23.8948,
23.4995

■ 32.2635, 34.2165,
37.5237

■ 22.3972, 19.7799,
17.9086

■ 36.5444, 40.4804,
46.0348

■ 20.0334, 16.3209,
13.2093

■ 41.3520, 47.5150,
55.5933

■ 18.0947, 13.4841,
9.3553

■ 46.7036, 55.3454,
66.2332

■ 16.5560, 11.2324,
6.2966

■ 52.6152, 63.9954,
77.9869

■ 15.3894, 9.5253,
3.9777

■ 59.1027, 73.4877,
90.8855

■ 14.5634, 8.3164,
2.3360

■ 66.1809, 83.8445,
104.9587

■ 14.0413, 7.5524,
1.2986

■ 67.5205, 85.8080,
107.6116

■ 13.7533, 7.1308,
0.7262

Harmonies

Analogous

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



28.5479, 28.6960, 31.8939



28.4907, 28.6960, 30.0239



28.1048, 28.6960, 28.5395

Triad

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



28.4907, 28.6960, 30.0239



26.3128, 28.6960, 28.9501



27.0503, 28.6960, 34.9754

Complementary

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



28.4907, 28.6960, 30.0239



29.2169, 32.0164, 36.0928

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.



26.4611, 28.6960, 34.1165



28.4907, 28.6960, 30.0239



26.0399, 28.6960, 30.6051

Square

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



28.4907, 28.6960, 30.0239



26.8449, 28.6960, 27.9371



26.0938, 28.6960, 32.4989



27.7090, 28.6960, 34.8043

Rectangle

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



28.4907, 28.6960, 30.0239



27.7164, 28.6960, 27.9441



26.0938, 28.6960, 32.4989



26.8377, 28.6960, 34.7962

Sweetspot

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



28.4915, 28.6973, 30.0245



55.9538, 58.2756, 62.8938



29.5339, 29.1136, 35.5157



12.3312, 12.8509, 13.8770



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.



28.4915, 28.6973, 30.0245



50.5700, 50.3980, 52.1903



29.4954, 30.7050, 30.3591



6.6332, 6.6464, 6.9189



11.2934, 5.8224, 0.5286



0.2020, 0.1042, 0.0095

Inverse Universe

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



29.2169, 32.0164, 36.0928



52.1624, 57.6844, 65.5117



28.1556, 29.8938, 35.7390



6.8218, 7.5093, 8.4966



14.7309, 21.5534, 29.2911



0.2634, 0.3854, 0.5237

Previews

White Background



This preview shows how the XYZ color 28.4907, 28.6960, 30.0239 looks on a white background.

Color Contrast Check

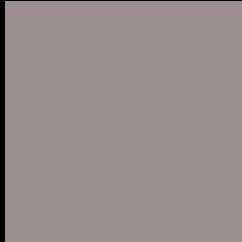
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4907, 28.6960, 30.0239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

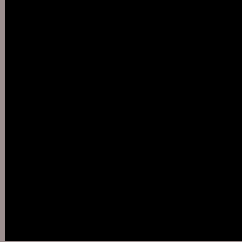
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.4907, 28.6960, 30.0239

Background



This preview shows how black text looks on a background with the XYZ color 28.4907, 28.6960, 30.0239.



This preview shows how white text looks on a background with the XYZ color 28.4907, 28.6960,

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

28.4907, 28.6960, 30.0239

Protanopia

27.5539, 28.6540, 30.4641

Deuteranopia

29.1807, 28.6100, 29.9709



Tritanopia

29.3274, 28.8140, 34.1529

Trichromacy



Original Color

28.4907, 28.6960, 30.0239

Protanomaly

27.9562, 28.6355, 30.4393

Deuteranomaly

28.9290, 28.7001, 30.0016

Tritanomaly

29.0024, 28.6840, 32.4417

Monochromacy



Original Color

28.4907, 28.6960, 30.0239

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.0449, 29.1171, 31.3362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4907, 28.6960, 30.0239 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, 143, 143)` looks like.

```
.text, #text, p{  
    color:rgb(156, 143, 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(156, 143, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 143, 143) }
```

Border

The CSS property to change the border of an element to XYZ 28.4907, 28.6960, 30.0239 is called "border". The border property can be set on classes, ids or directly on the HTML element.

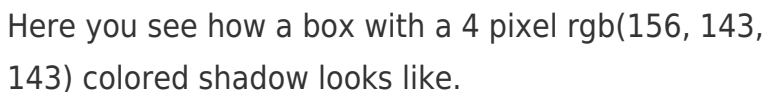
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 143, 143) }
```


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

```
.border{ border-color:rgb(156, 143, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 143, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 143, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 143, 143); box-shadow:4px 4px 4px 4px rgb(156, 143, 143) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4907, 28.6960, 30.0239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 143, 143) }
```

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

```
.background{ background-color: rgb(156,  
143, 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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