

Converting Colors

XYZ(28.3887, 30.6292, 34.9876)

Have a look what the booklet for
XYZ(28.3887, 30.6292, 34.9876)
contains.

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Color

**XYZ(28.3887, 30.6292,
34.9876)**

Conversions

Conversions Part 1

Format	Color
Hex	8F989A
RGB	143, 152, 154
RGB Percent	56%, 60%, 60%
CMY	0.4392, 0.4039, 0.3961
CMYK	0.07, 0.01, 0.00, 0.40
HSL	191°, 5%, 58%
HSV	191°, 7%, 60%
XYZ	28.3887, 30.6292, 34.9876
YIQ	149.5370, -6.0060, -1.2860

Conversions

Conversions Part 2

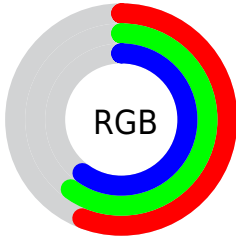
Format	Color
RYB	143, 148, 154
Decimal	9410714
CIELab	62.19, -2.82, -2.17
CIELCh	62, 3.555, 217.644
Yxy	30.6292, 0.3020, 0.3258
Android (android.graphics.Color)	4287600794 (0xFF8F989A)
YUV	149.5370, 2.2003, -5.7329
Hunter-Lab	55.3437, -5.2893, 1.2581

Details

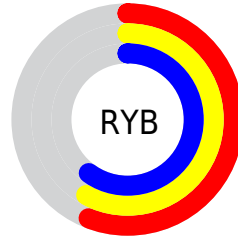
The XYZ color **28.3887, 30.6292, 34.9876** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.4099, 29.1039, 30.1075**, and the grayscale version is **28.7870, 30.2861, 32.9816**.

A 20% lighter version of the original color is **56.4824, 60.5670, 68.3882**, and **11.6161, 12.6138, 14.6544** is the 20% darker color. If you saturate the color by 10%, you get **25.4552, 28.4518, 34.7224**, and if you desaturate by 10%, it is **31.7006, 33.0193, 35.2748**.

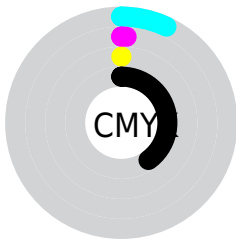
Distribution



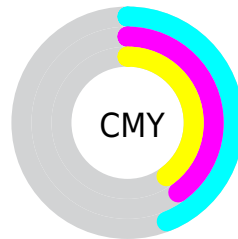
- Red (56%)
- Green (60%)
- Blue (60%)



- Red (56%)
- Yellow (58%)
- Blue (60%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (40%)



- Cyan (44%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3887, 30.6292, 34.9876 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 28.3887, 30.6292, 34.9876 by changing the saturation by 10% instead.

■ 28.3887, 30.6292,
34.9876

■ 28.3887, 30.6292,
34.9876

286.3661,
304.8264, 339.4162

■ 18.7608, 20.3167,
23.3698

■ 56.5087, 60.6558,
68.6179

■ 11.6006, 12.6254,
14.6590

■ 75.7316, 81.1387,
91.4675

■ 6.5426, 7.1711,
8.4364

■ 98.8835, 105.7804,
118.8982

■ 3.2215, 3.5694,
4.2837

126.3298,
134.9655, 151.3285

■ 1.2719, 1.4357,
1.7822

158.4359,
169.0782, 189.1769

■ 0.1621, 0.2428,
0.4162

195.5671,

■ 0.0000, 0.0000,

208.5030, 232.8619

0.0000

238.0887,
253.6243, 282.8022

■ 28.3887, 30.6292,
34.9876

■ 28.3887, 30.6292,
34.9876

■ 25.4552, 28.4518,
34.7224

■ 31.7006, 33.0193,
35.2748

■ 22.8827, 26.4755,
34.4765

■ 35.4025, 35.6255,
35.5828

■ 20.6562, 24.6931,
34.2498

■ 39.5084, 38.4561,
35.9128

■ 18.7585, 23.0959,
34.0416

■ 44.0310, 41.5178,
36.2653

■ 17.1709, 21.6740,
33.8508

■ 48.9826, 44.8169,
36.6412

■ 15.8731, 20.4168,
33.6765

■ 54.3746, 48.3595,
37.0408

■ 14.8419, 19.3123,
33.5177

■ 60.2182, 52.1514,
37.4647

■ 14.0507, 18.3466,
33.3730

■ 62.2819, 54.0114,
37.7149

■ 13.4556, 17.4970,
33.2404

■ 62.8294, 55.1064,
37.8974

Harmonies

Analogous

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



28.2085, 30.6292, 33.7022



28.3887, 30.6292, 34.9876



28.7631, 30.6292, 35.8502

Triad

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



28.3887, 30.6292, 34.9876



29.9725, 30.6292, 34.3637



28.9898, 30.6292, 30.8026

Complementary

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



28.3887, 30.6292, 34.9876



28.4099, 29.1039, 30.1075

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.



29.4640, 30.6292, 30.9688



28.3887, 30.6292, 34.9876



30.0348, 30.6292, 33.0002

Square

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



28.3887, 30.6292, 34.9876



29.6785, 30.6292, 35.4832



29.8478, 30.6292, 31.7643



28.5531, 30.6292, 31.3040

Rectangle

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



28.3887, 30.6292, 34.9876



29.0743, 30.6292, 36.0564



29.8478, 30.6292, 31.7643



29.1500, 30.6292, 30.7825

Sweetspot

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



28.3896, 30.6305, 34.9883



54.5530, 57.8076, 63.8190



27.9818, 30.9906, 31.2283



12.3644, 13.0964, 14.4466



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.



28.3896, 30.6305, 34.9883



50.4302, 54.8049, 63.4567



27.5430, 28.9373, 34.7061



6.2892, 6.8357, 7.9169



10.8577, 14.1121, 27.0593



0.1843, 0.2550, 0.4119

Inverse Universe

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



28.8171, 28.7826, 33.7440



51.4192, 50.5634, 60.5709



29.2445, 30.7730, 30.3857



6.4131, 6.3044, 7.5554



13.9392, 6.8299, 16.7368



0.2195, 0.1066, 0.3087

Previews

White Background



This preview shows how the XYZ color 28.3887, 30.6292, 34.9876 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 28.3887, 30.6292, 34.9876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

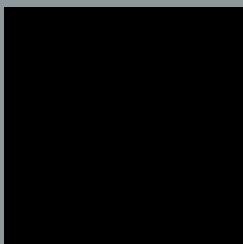
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

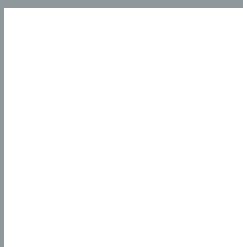
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3887, 30.6292, 34.9876

Background



This preview shows how black text looks on a background with the XYZ color 28.3887, 30.6292, 34.9876.



This preview shows how white text looks on a background with the XYZ color 28.3887, 30.6292,

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

28.3887, 30.6292, 34.9876

Protanopia

29.3638, 30.4373, 34.0331

Deuteranopia

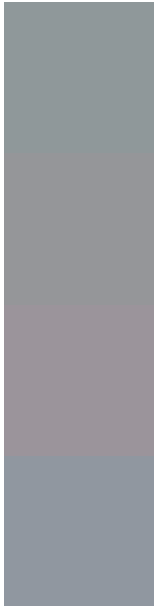
31.0956, 30.6057, 35.2789



Tritanopia

29.1791, 30.7069, 39.0394

Trichromacy



Original Color

28.3887, 30.6292, 34.9876

Protanomaly

29.0505, 30.5022, 34.4934

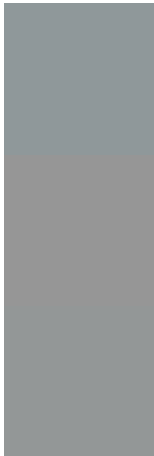
Deuteranomaly

30.0239, 30.5149, 35.3179

Tritanomaly

28.9134, 30.6006, 37.6403

Monochromacy



Original Color

28.3887, 30.6292, 34.9876

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.6851, 30.5706, 33.6670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3887, 30.6292, 34.9876 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(143, 152, 154) looks like.

```
.text, #text, p{  
    color:rgb(143, 152, 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(143, 152, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 152, 154) }
```

Border

The CSS property to change the border of an element to XYZ 28.3887, 30.6292, 34.9876 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(143, 152, 154) }
```


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

```
.border{ border-color:rgb(143, 152, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 152, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 152, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 152, 154);  
box-shadow:4px 4px 4px 4px rgb(143, 152,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3887, 30.6292, 34.9876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 152, 154) }
```

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

```
.background{ background-color: rgb(143,  
152, 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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