

Converting Colors

XYZ(28.0718, 30.3396, 34.2599)

Have a look what the booklet for
XYZ(28.0718, 30.3396, 34.2599)
contains.

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Color

**XYZ(27.8894, 30.1510,
34.0556)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9798
RGB	142, 151, 152
RGB Percent	56%, 59%, 60%
CMY	0.4431, 0.4078, 0.4039
CMYK	0.07, 0.01, 0.00, 0.40
HSL	186°, 5%, 58%
HSV	186°, 7%, 60%
XYZ	27.8894, 30.1510, 34.0556
YIQ	148.4230, -5.6850, -1.5970

Conversions

Conversions Part 2

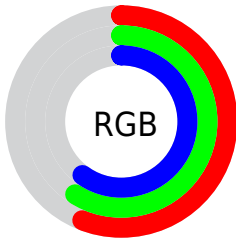
Format	Color
RYB	142, 147, 152
Decimal	9344920
CIELab	61.78, -3.02, -1.65
CIELCh	62, 3.444, 208.618
Yxy	30.1510, 0.3028, 0.3274
Android (android.graphics.Color)	4287535000 (0xFF8E9798)
YUV	148.4230, 1.7635, -5.6330
Hunter-Lab	54.9099, -5.4301, 1.6648

Details

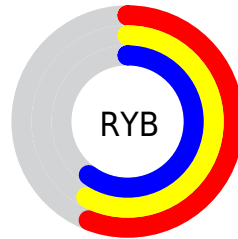
The XYZ color **27.8894, 30.1510, 34.0556** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.6539, 28.2730, 29.5913**, and the grayscale version is **28.3202, 29.7951, 32.4469**.

A 20% lighter version of the original color is **55.7369, 59.8546, 67.0080**, and **11.3198, 12.3292, 14.0951** is the 20% darker color. If you saturate the color by 10%, you get **25.2151, 28.4132, 33.8616**, and if you desaturate by 10%, it is **30.9243, 32.0810, 34.2686**.

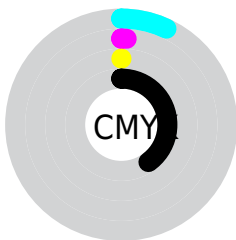
Distribution



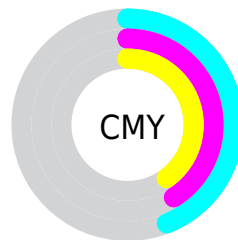
- Red (56%)
- Green (59%)
- Blue (60%)



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



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



- Cyan (44%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8894, 30.1510, 34.0556 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 27.8894, 30.1510, 34.0556 by changing the saturation by 10% instead.

■ 27.8894, 30.1510,
34.0556

■ 27.8894, 30.1510,
34.0556

284.0277,
302.6077, 335.1566

■ 18.3823, 19.9532,
22.6586

■ 55.7177, 59.9009,
67.1550

■ 11.3262, 12.3611,
14.1387

■ 74.7696, 80.2218,
89.6945

■ 6.3556, 6.9901,
8.0773

■ 97.7339, 104.6859,
116.7852

■ 3.1052, 3.4559,
4.0560

124.9759,
133.6775, 148.8458

■ 1.2096, 1.3741,
1.6561

156.8609,
167.5811, 186.2946

■ 0.1139, 0.1975,
0.3304

193.7543,

■ 0.0000, 0.0000,

206.7811, 229.5504

0.0000

236.0214,
251.6618, 279.0315

■ 27.8894, 30.1510,
34.0556

■ 27.8894, 30.1510,
34.0556

■ 25.2151, 28.4132,
33.8616

■ 30.9243, 32.0810,
34.2686

■ 22.8843, 26.8564,
33.6839

■ 34.3306, 34.2063,
34.4993

■ 20.8828, 25.4739,
33.5226

■ 38.1220, 36.5348,
34.7489

■ 19.1941, 24.2572,
33.3767

■ 42.3107, 39.0729,
35.0181

■ 17.8003, 23.1972,
33.2456

■ 46.9084, 41.8265,
35.3072

■ 16.6818, 22.2837,
33.1282

■ 51.9261, 44.8014,
35.6170

■ 15.8164, 21.5052,
33.0236

■ 57.3746, 48.0031,
35.9478

■ 15.1786, 20.8486,
32.9305

■ 60.0286, 49.7690,
36.1488

■ 14.7292, 20.2936,
32.8470

■ 60.2997, 50.3113,
36.2392

Harmonies

Analogous

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



27.7838, 30.1510, 32.7683



27.8894, 30.1510, 34.0556



28.2002, 30.1510, 35.0361

Triad

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



27.8894, 30.1510, 34.0556



29.4181, 30.1510, 34.1640



28.6789, 30.1510, 30.3653

Complementary

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



27.8894, 30.1510, 34.0556



27.6539, 28.2730, 29.5913

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.



29.1199, 30.1510, 30.7172



27.8894, 30.1510, 34.0556



29.5495, 30.1510, 32.8904

Square

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



27.8894, 30.1510, 34.0556



29.0827, 30.1510, 35.0998



29.4398, 30.1510, 31.6328



28.2367, 30.1510, 30.6589

Rectangle

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



27.8894, 30.1510, 34.0556



28.4837, 30.1510, 35.3716



29.4398, 30.1510, 31.6328



28.8323, 30.1510, 30.4119

Sweetspot

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



27.8903, 30.1523, 34.0563



51.5797, 54.7243, 60.2780



27.3293, 30.1859, 30.3069



11.7385, 12.4477, 13.7015



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.8903, 30.1523, 34.0563



48.4424, 52.7151, 60.0555



27.1278, 28.6274, 33.8021



6.3319, 6.9212, 7.9312



12.2462, 16.8890, 27.5222



0.1963, 0.2789, 0.4159

Inverse Universe

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



28.2085, 28.2563, 33.2469



49.1331, 48.6154, 58.2954



28.3956, 29.7564, 29.8385



6.4347, 6.3130, 7.6690



14.6401, 7.1103, 20.4273



0.2255, 0.1090, 0.3405

Previews

White Background



This preview shows how the XYZ color 27.8894, 30.1510, 34.0556 looks on a white background.

Color Contrast Check

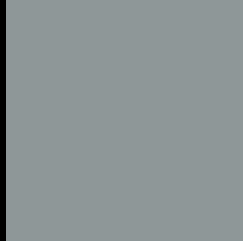
Large Text (above 18pt) WCAG AA × Fail

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 27.8894, 30.1510, 34.0556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

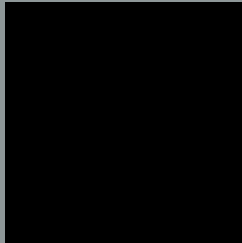
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

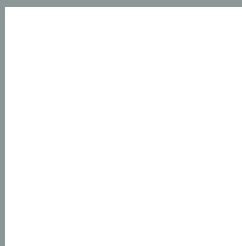
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8894, 30.1510, 34.0556

Background



This preview shows how black text looks on a background with the XYZ color 27.8894, 30.1510, 34.0556.



This preview shows how white text looks on a background with the XYZ color 27.8894, 30.1510,

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

27.8894, 30.1510, 34.0556

Protanopia

28.8574, 29.9611, 33.1163

Deuteranopia

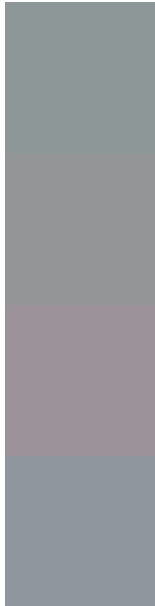
30.7755, 30.2321, 34.3503



Tritanopia

28.8410, 30.3152, 38.0495

Trichromacy



Original Color

27.8894, 30.1510, 34.0556

Protanomaly

28.5461, 30.0252, 33.5691

Deuteranomaly

29.7011, 30.1359, 34.3884

Tritanomaly

28.4056, 30.1210, 36.6645

Monochromacy



Original Color

27.8894, 30.1510, 34.0556

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.0263, 29.7758, 32.7039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8894, 30.1510, 34.0556 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(142, 151, 152)` looks like.

```
.text, #text, p{  
    color:rgb(142, 151, 152)  
}
```

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(142, 151, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 151, 152) }
```

Border

The CSS property to change the border of an element to XYZ 27.8894, 30.1510, 34.0556 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(142, 151, 152) }
```


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

```
.border{ border-color:rgb(142, 151, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 151, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 151, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 151, 152);  
box-shadow:4px 4px 4px 4px rgb(142, 151,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8894, 30.1510, 34.0556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 151, 152) }
```

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

```
.background{ background-color: rgb(142,  
151, 152) }
```

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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