

Converting Colors

XYZ(28.0837, 31.0231, 32.6853)

Have a look what the booklet for
XYZ(28.0837, 31.0231, 32.6853)
contains.

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Color

**XYZ(28.0562, 31.0001,
32.5219)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9A94
RGB	142, 154, 148
RGB Percent	56%, 60%, 58%
CMY	0.4431, 0.3961, 0.4196
CMYK	0.08, 0.00, 0.04, 0.40
HSL	150°, 6%, 58%
HSV	150°, 8%, 60%
XYZ	28.0562, 31.0001, 32.5219
YIQ	149.7280, -5.2260, -4.4100

Conversions

Conversions Part 2

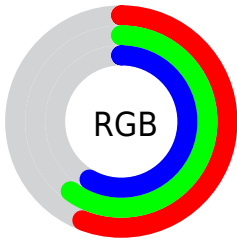
Format	Color
RYB	142, 150, 154
Decimal	9345684
CIELab	62.51, -5.48, 1.67
CIELCh	63, 5.728, 163.079
Yxy	31.0001, 0.3064, 0.3385
Android (android.graphics.Color)	4287535764 (0xFF8E9A94)
YUV	149.7280, -0.8519, -6.7775
Hunter-Lab	55.6777, -7.4893, 4.3426

Details

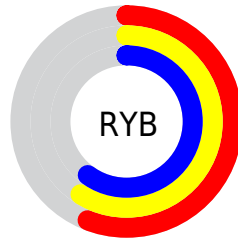
The XYZ color **28.0562, 31.0001, 32.5219** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.3458, 28.3549, 31.9974**, and the grayscale version is **28.8800, 30.3840, 33.0881**.

A 20% lighter version of the original color is **55.9815, 61.1118, 64.7223**, and **11.4215, 12.8389, 13.1854** is the 20% darker color. If you saturate the color by 10%, you get **25.0050, 29.4961, 29.3024**, and if you desaturate by 10%, it is **31.5149, 32.7112, 35.9735**.

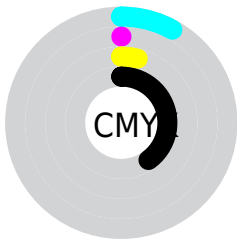
Distribution



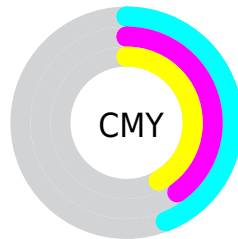
- Red (56%)
- Green (60%)
- Blue (58%)



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



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (40%)



- Cyan (44%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0562, 31.0001, 32.5219 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 28.0562, 31.0001, 32.5219 by changing the saturation by 10% instead.

■ 28.0562, 31.0001,
32.5219

■ 28.0562, 31.0001,
32.5219

284.8106,
306.5388, 328.0555

■ 18.5087, 20.5989,
21.4923

■ 55.9822, 61.2402,
64.7358

■ 11.4177, 12.8311,
13.2896

■ 75.0914, 81.8480,
86.7571

■ 6.4179, 7.3124,
7.4952

■ 98.1185, 106.6267,
113.2795

■ 3.1439, 3.6582,
3.6906

125.4289,
135.9608, 144.7214

■ 1.2303, 1.4843,
1.4572

157.3879,
170.2346, 181.5015

■ 0.1301, 0.2776,
0.1857

194.3610,

■ 0.0000, 0.0000,

209.8327, 224.0381

0.0000

236.7134,
255.1392, 272.7500

■ 28.0562, 31.0001,
32.5219

■ 28.0562, 31.0001,
32.5219

■ 25.0050, 29.4961,
29.3024

■ 31.5149, 32.7112,
35.9735

■ 22.3429, 28.1873,
26.3081

■ 35.3931, 34.6329,
39.6599

■ 20.0541, 27.0664,
23.5348

■ 39.7058, 36.7737,
43.5863

■ 18.1207, 26.1243,
20.9773

■ 44.4664, 39.1405,
47.7570

■ 16.5231, 25.3510,
18.6301

■ 49.6876, 41.7397,
52.1762

■ 15.2399, 24.7355,
16.4876

■ 55.3816, 44.5776,
56.8483

■ 14.2469, 24.2656,
14.5438

■ 61.5604, 47.6602,
61.7772

■ 13.5163, 23.9270,
12.7925

■ 64.3809, 49.0063,
66.7865

■ 12.9987, 23.6943,
11.2260

■ 65.3616, 49.3986,
71.9505

Harmonies

Analogous

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



28.4544, 31.0001, 30.7196



28.0562, 31.0001, 32.5219



28.0311, 31.0001, 34.7329

Triad

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



28.0562, 31.0001, 32.5219



29.8046, 31.0001, 38.1024



30.5711, 31.0001, 30.9107

Complementary

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



28.0562, 31.0001, 32.5219



28.3458, 28.3549, 31.9974

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.



30.9463, 31.0001, 32.7933



28.0562, 31.0001, 32.5219



30.4985, 31.0001, 36.9816

Square

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



28.0562, 31.0001, 32.5219



29.0313, 31.0001, 38.0218



30.9195, 31.0001, 35.0165



29.9023, 31.0001, 29.8178

Rectangle

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



28.0562, 31.0001, 32.5219



28.2286, 31.0001, 36.1472



30.9195, 31.0001, 35.0165



30.7363, 31.0001, 31.4685

Sweetspot

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



28.0571, 31.0014, 32.5226



54.4875, 58.0544, 62.6319



28.6881, 31.3802, 30.1365



12.3505, 13.1490, 14.1938



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.



28.0571, 31.0014, 32.5226



50.1532, 55.9127, 58.2409



28.5281, 31.1898, 35.0028



6.2545, 6.9745, 7.2634



10.5237, 19.2729, 8.9784



0.1757, 0.2955, 0.2308

Inverse Universe

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



28.3458, 28.3549, 31.9974



50.7653, 50.3018, 57.1275



27.8978, 28.1757, 29.6384



6.3311, 6.2716, 7.1240



11.9672, 6.0411, 6.3524



0.1973, 0.0977, 0.1915

Previews

White Background



This preview shows how the XYZ color 28.0562, 31.0001, 32.5219 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 28.0562, 31.0001, 32.5219 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

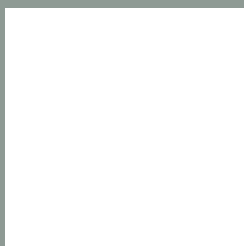
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.0562, 31.0001, 32.5219

Background



This preview shows how black text looks on a background with the XYZ color 28.0562, 31.0001, 32.5219.



This preview shows how white text looks on a background with the XYZ color 28.0562, 31.0001,

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

28.0562, 31.0001, 32.5219

Protanopia

29.6122, 30.8566, 31.5893

Deuteranopia

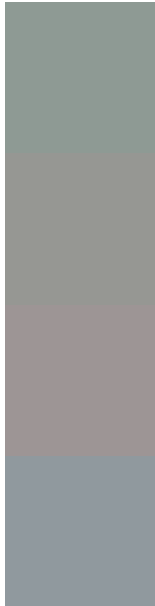
31.5098, 30.8668, 33.1513



Tritanopia

29.6061, 31.1566, 39.5754

Trichromacy



Original Color

28.0562, 31.0001, 32.5219

Protanomaly

28.9107, 30.7238, 32.0103

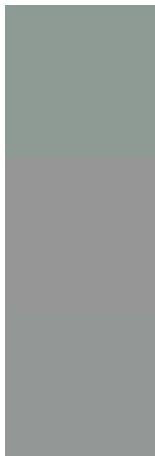
Deuteranomaly

30.0769, 30.8329, 32.7999

Tritanomaly

29.0644, 31.1804, 36.8343

Monochromacy



Original Color

28.0562, 31.0001, 32.5219

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.5240, 30.5062, 32.8187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0562, 31.0001, 32.5219 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, 154, 148)` looks like.

```
.text, #text, p{  
    color:rgb(142, 154, 148)  
}
```

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, 154, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 154, 148) }
```

Border

The CSS property to change the border of an element to XYZ 28.0562, 31.0001, 32.5219 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, 154, 148) }
```


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

```
.border{ border-color:rgb(142, 154, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 154, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 154, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 154, 148);  
box-shadow:4px 4px 4px 4px rgb(142, 154,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0562, 31.0001, 32.5219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 154, 148) }
```

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

```
.background{ background-color: rgb(142,  
154, 148) }
```

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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