

Converting Colors

XYZ(28.0663, 31.9447, 35.3328)

Have a look what the booklet for
XYZ(28.0663, 31.9447, 35.3328)
contains.

XYZ(28.0513, 31.9377, 35.2580)	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(28.0513, 31.9377,
35.2580)**

Conversions

Conversions Part 1

Format	Color
Hex	879E9A
RGB	135, 158, 154
RGB Percent	53%, 62%, 60%
CMY	0.4706, 0.3804, 0.3961
CMYK	0.15, 0.00, 0.03, 0.38
HSL	170°, 11%, 57%
HSV	170°, 15%, 62%
XYZ	28.0513, 31.9377, 35.2580
YIQ	150.6670, -12.4240, -6.1200

Conversions

Conversions Part 2

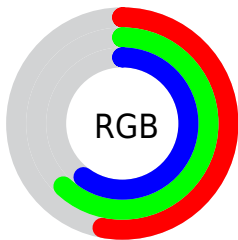
Format	Color
RYB	135, 148, 158
Decimal	8887962
CIELab	63.29, -8.88, -0.63
CIELCh	63, 8.900, 184.062
Yxy	31.9377, 0.2945, 0.3353
Android (android.graphics.Color)	4287078042 (0xFF879E9A)
YUV	150.6670, 1.6432, -13.7400
Hunter-Lab	56.5134, -10.2974, 2.5692

Details

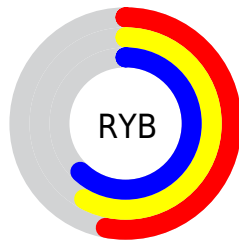
The XYZ color **28.0513, 31.9377, 35.2580** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.4259, 26.4621, 28.0898**, and the grayscale version is **29.2709, 30.7953, 33.5360**.

A 20% lighter version of the original color is **55.9185, 62.8339, 68.8555**, and **11.4522, 13.4260, 14.8198** is the 20% darker color. If you saturate the color by 10%, you get **25.4693, 30.6336, 33.9561**, and if you desaturate by 10%, it is **31.0177, 33.4410, 36.6066**.

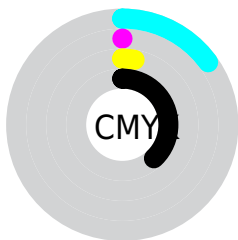
Distribution



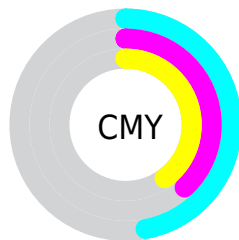
- Red (53%)
- Green (62%)
- Blue (60%)



- Red (53%)
- Yellow (58%)
- Blue (62%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (38%)



- Cyan (47%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0513, 31.9377, 35.2580 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 28.0513, 31.9377, 35.2580 by changing the saturation by 10% instead.

■ 28.0513, 31.9377,
35.2580

■ 28.0513, 31.9377,
35.2580

284.7876,
310.8354, 340.6445

■ 18.5050, 21.3139,
23.5765

■ 55.9744, 62.7134,
69.0414

■ 11.4150, 13.3537,
14.8105

■ 75.0819, 83.6341,
91.9803

■ 6.4161, 7.6725,
8.5414

■ 98.1072, 108.7559,
119.5089

■ 3.1427, 3.8861,
4.3506

125.4156,
138.4633, 152.0456

■ 1.2297, 1.6101,
1.8196

157.3725,
173.1405, 190.0090

■ 0.1296, 0.3644,
0.4408

194.3432,

■ 0.0000, 0.0000,

213.1719, 233.8175

0.0000

236.6931,
258.9421, 283.8899

■ 28.0513, 31.9377,
35.2580

■ 28.0513, 31.9377,
35.2580

■ 25.4693, 30.6336,
33.9561

■ 31.0177, 33.4410,
36.6066

■ 23.2523, 29.5163,
32.6978

■ 34.3814, 35.1477,
38.0007

■ 21.3834, 28.5778,
31.4828

■ 38.1578, 37.0665,
39.4419

■ 19.8433, 27.8082,
30.3101

■ 42.3610, 39.2048,
40.9309

■ 18.6108, 27.1966,
29.1784

■ 47.0043, 41.5692,
42.4686

■ 17.6621, 26.7307,
28.0864

■ 52.1003, 44.1665,
44.0558

■ 16.9698, 26.3964,
27.0327

■ 57.6613, 47.0028,
45.6931

■ 16.5005, 26.1765,
26.0155

■ 61.3034, 48.8492,
47.2693

■ 16.2911, 26.0803,
25.4750

■ 61.5782, 48.9592,
48.7166

Harmonies

Analogous

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



28.2729, 31.9377, 31.8879



28.0513, 31.9377, 35.2580



28.4334, 31.9377, 38.7189

Triad

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



28.0513, 31.9377, 35.2580



31.7035, 31.9377, 40.7099



31.4049, 31.9377, 29.0179

Complementary

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



28.0513, 31.9377, 35.2580



27.4259, 26.4621, 28.0898

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.



32.3631, 31.9377, 31.1079



28.0513, 31.9377, 35.2580



32.5387, 31.9377, 37.8307

Square

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



28.0513, 31.9377, 35.2580



30.5241, 31.9377, 41.9986



32.7832, 31.9377, 34.2959



30.1882, 31.9377, 28.4307

Rectangle

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



28.0513, 31.9377, 35.2580



28.9852, 31.9377, 40.5684



32.7832, 31.9377, 34.2959



31.7690, 31.9377, 29.5607

Sweetspot

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



28.0522, 31.9390, 35.2587



56.6017, 60.8661, 66.5939



27.2847, 31.7120, 27.6053



12.6672, 13.6748, 14.9730



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



28.0522, 31.9390, 35.2587



49.5707, 57.3057, 63.3623



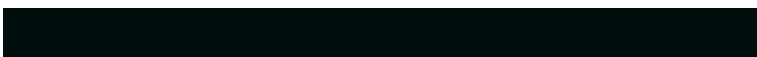
27.1853, 29.6628, 36.6419



6.7723, 7.4897, 8.2354



13.0597, 20.8918, 20.4693



0.2454, 0.3783, 0.4287

Inverse Universe

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



27.4259, 26.4621, 28.0898



48.2424, 45.6878, 48.1569



28.1900, 28.4498, 26.9279



6.6778, 6.6641, 7.1546



11.4669, 5.8913, 1.4438



0.2165, 0.1099, 0.0863

Previews

White Background



This preview shows how the XYZ color 28.0513, 31.9377, 35.2580 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 28.0513, 31.9377, 35.2580 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

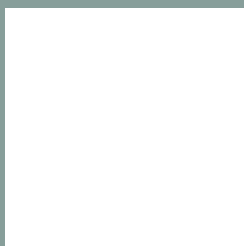
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.0513, 31.9377, 35.2580

Background



This preview shows how black text looks on a background with the XYZ color 28.0513, 31.9377, 35.2580.

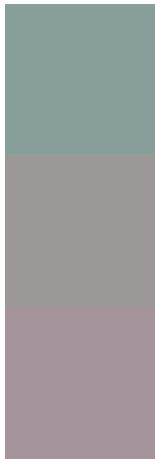


This preview shows how white text looks on a background with the XYZ color 28.0513, 31.9377,

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

28.0513, 31.9377, 35.2580

Protanopia

30.5245, 31.7588, 33.7994

Deuteranopia

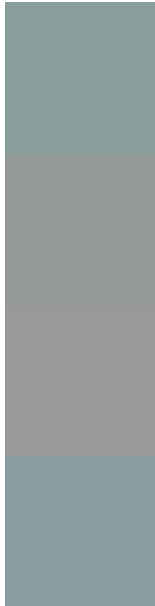
32.3165, 31.6871, 35.8654



Tritanopia

29.4376, 32.0074, 41.6723

Trichromacy



Original Color

28.0513, 31.9377, 35.2580

Protanomaly

29.4358, 31.6741, 34.2680

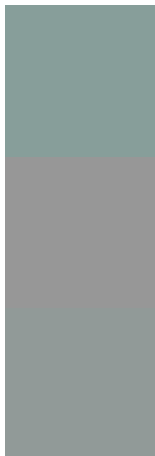
Deuteranomaly

30.6622, 31.7916, 35.5307

Tritanomaly

28.9844, 32.0767, 39.3141

Monochromacy



Original Color

28.0513, 31.9377, 35.2580

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.9002, 31.3979, 34.2430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0513, 31.9377, 35.2580 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(135, 158, 154)` looks like.

```
.text, #text, p{  
    color:rgb(135, 158, 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(135, 158, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 158, 154) }
```

Border

The CSS property to change the border of an element to XYZ 28.0513, 31.9377, 35.2580 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(135, 158, 154) }
```


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

```
.border{ border-color:rgb(135, 158, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 158, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 158, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 158, 154);  
box-shadow:4px 4px 4px 4px rgb(135, 158,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0513, 31.9377, 35.2580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 158, 154) }
```

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

```
.background{ background-color: rgb(135,  
158, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor