

Converting Colors

XYZ(28.4581, 31.5345, 35.1248)

Have a look what the booklet for
XYZ(28.4581, 31.5345, 35.1248)
contains.

XYZ(28.5364, 31.6855, 35.1837)	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(28.5364, 31.6855,
35.1837)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9C9A
RGB	140, 156, 154
RGB Percent	55%, 61%, 60%
CMY	0.4510, 0.3882, 0.3961
CMYK	0.10, 0.00, 0.01, 0.39
HSL	172°, 7%, 58%
HSV	172°, 10%, 61%
XYZ	28.5364, 31.6855, 35.1837
YIQ	150.9880, -8.8940, -4.0140

Conversions

Conversions Part 2

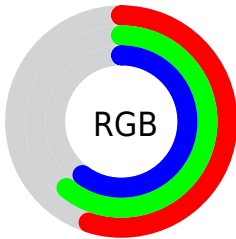
Format	Color
RYB	140, 149, 156
Decimal	9215130
CIELab	63.08, -6.07, -0.89
CIELCh	63, 6.133, 188.388
Yxy	31.6855, 0.2991, 0.3321
Android (android.graphics.Color)	4287405210 (0xFF8C9C9A)
YUV	150.9880, 1.4849, -9.6365
Hunter-Lab	56.2899, -8.0159, 2.3440

Details

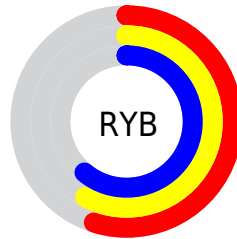
The XYZ color **28.5364, 31.6855, 35.1837** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.9720, 27.7779, 29.4800**, and the grayscale version is **29.4076, 30.9391, 33.6926**.

A 20% lighter version of the original color is **56.6799, 62.1166, 68.6769**, and **11.7162, 13.2561, 14.7731** is the 20% darker color. If you saturate the color by 10%, you get **25.9308, 30.3618, 34.2204**, and if you desaturate by 10%, it is **31.5192, 33.2051, 36.1798**.

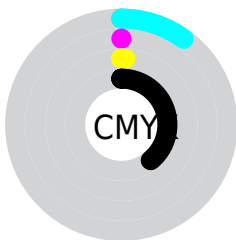
Distribution



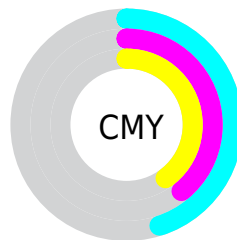
- Red (55%)
- Green (61%)
- Blue (60%)



- Red (55%)
- Yellow (58%)
- Blue (61%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (39%)



- Cyan (45%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5364, 31.6855, 35.1837 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 28.5364, 31.6855, 35.1837 by changing the saturation by 10% instead.

■ 28.5364, 31.6855,
35.1837

■ 28.5364, 31.6855,
35.1837

287.0551,
309.6841, 340.3073

■ 18.8729, 21.1214,
23.5197

■ 56.7424, 62.3177,
68.9250

■ 11.6819, 13.2128,
14.7688

■ 76.0156, 83.1546,
91.8395

■ 6.5981, 7.5752,
8.5125

■ 99.2227, 108.1846,
119.3412

■ 3.2562, 3.8244,
4.3322

126.7292,
137.7920, 151.8487

■ 1.2906, 1.5758,
1.8093

158.9003,
172.3613, 189.7805

■ 0.1762, 0.3412,
0.4341

196.1014,

■ 0.0000, 0.0000,

212.2768, 233.5552

0.0000

238.6979,
257.9229, 283.5913

■ 28.5364, 31.6855,
35.1837

■ 28.5364, 31.6855,
35.1837

■ 25.9308, 30.3618,
34.2204

■ 31.5192, 33.2051,
36.1798

■ 23.6840, 29.2218,
33.2870

■ 34.8911, 34.9241,
37.2072

■ 21.7803, 28.2585,
32.3834

■ 38.6670, 36.8511,
38.2676

■ 20.2015, 27.4623,
31.5085

■ 42.8600, 38.9928,
39.3614

■ 18.9280, 26.8232,
30.6615

■ 47.4828, 41.3558,
40.4894

■ 17.9379, 26.3299,
29.8412

■ 52.5474, 43.9462,
41.6522

■ 17.2065, 25.9697,
29.0465

■ 58.0655, 46.7701,
42.8504

■ 16.7045, 25.7275,
28.2758

■ 60.3488, 47.9260,
43.9115

■ 16.3673, 25.5694,
27.5449

■ 60.5344, 48.0003,
44.8888

Harmonies

Analogous

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



28.6300, 31.6855, 32.8137



28.5364, 31.6855, 35.1837



28.8598, 31.6855, 37.4726

Triad

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



28.5364, 31.6855, 35.1837



31.1369, 31.6855, 38.2794



30.7188, 31.6855, 30.3504

Complementary

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



28.5364, 31.6855, 35.1837



27.9720, 27.7779, 29.4800

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.



31.4083, 31.6855, 31.6892



28.5364, 31.6855, 35.1837



31.6528, 31.6855, 36.2434

Square

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



28.5364, 31.6855, 35.1837



30.3539, 31.6855, 39.3138



31.7531, 31.6855, 33.8255



29.8796, 31.6855, 30.0963

Rectangle

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



28.5364, 31.6855, 35.1837



29.2721, 31.6855, 38.6186



31.7531, 31.6855, 33.8255



30.9762, 31.6855, 30.6854

Sweetspot

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



28.5373, 31.6868, 35.1844



55.6574, 59.4982, 65.1971



27.8013, 31.4344, 29.4135



12.1528, 13.0442, 14.3153



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.



28.5373, 31.6868, 35.1844



50.8388, 57.0456, 63.5506



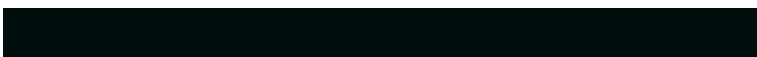
27.7445, 29.8321, 35.7500



6.7861, 7.4952, 8.3082



13.4896, 21.0638, 22.7332



0.2502, 0.3802, 0.4541

Inverse Universe

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



27.9720, 27.7779, 29.4800



49.6303, 48.6880, 51.3547



28.7034, 29.4791, 28.9886



6.6652, 6.6590, 7.0879



11.4012, 5.8651, 1.0979



0.2124, 0.1083, 0.0647

Previews

White Background



This preview shows how the XYZ color 28.5364, 31.6855, 35.1837 looks on a white background.

Color Contrast Check

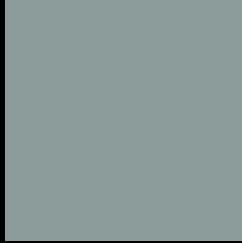
Large Text (above 18pt) WCAG AA × Fail

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 28.5364, 31.6855, 35.1837 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

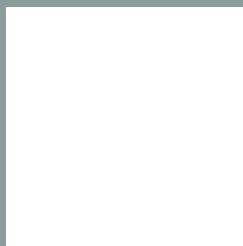
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.5364, 31.6855, 35.1837

Background



This preview shows how black text looks on a background with the XYZ color 28.5364, 31.6855, 35.1837.



This preview shows how white text looks on a background with the XYZ color 28.5364, 31.6855,

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

28.5364, 31.6855, 35.1837

Protanopia

30.4133, 31.6920, 34.2200

Deuteranopia

32.3165, 31.6871, 35.8654



Tritanopia

29.5939, 31.6152, 40.6190

Trichromacy



Original Color

28.5364, 31.6855, 35.1837

Protanomaly

29.7187, 31.5664, 34.6636

Deuteranomaly

30.8876, 31.6679, 35.4949

Tritanomaly

29.2274, 31.7140, 38.7634

Monochromacy



Original Color

28.5364, 31.6855, 35.1837

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.0914, 31.2525, 34.2048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5364, 31.6855, 35.1837 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(140, 156, 154)` looks like.

```
.text, #text, p{  
    color:rgb(140, 156, 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(140, 156, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 156, 154) }
```

Border

The CSS property to change the border of an element to XYZ 28.5364, 31.6855, 35.1837 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(140, 156, 154) }
```


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

```
.border{ border-color:rgb(140, 156, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 156, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 156, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 156, 154);  
box-shadow:4px 4px 4px 4px rgb(140, 156,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5364, 31.6855, 35.1837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 156, 154) }
```

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

```
.background{ background-color: rgb(140,  
156, 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