

Converting Colors

XYZ(28.6796, 30.8369, 36.8335)

Have a look what the booklet for
XYZ(28.6796, 30.8369, 36.8335)
contains.

XYZ(28.5551, 30.6759, 36.7638)	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(28.5551, 30.6759,
36.7638)**

Conversions

Conversions Part 1

Format	Color
Hex	8E989E
RGB	142, 152, 158
RGB Percent	56%, 60%, 62%
CMY	0.4431, 0.4039, 0.3804
CMYK	0.10, 0.04, 0.00, 0.38
HSL	202°, 8%, 59%
HSV	202°, 10%, 62%
XYZ	28.5551, 30.6759, 36.7638
YIQ	149.6940, -7.8860, -0.2540

Conversions

Conversions Part 2

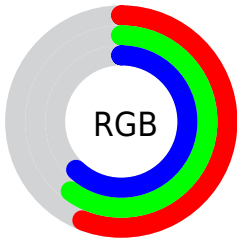
Format	Color
RYB	142, 148, 158
Decimal	9345182
CIELab	62.23, -2.33, -4.38
CIElCh	62, 4.966, 241.957
Yxy	30.6759, 0.2975, 0.3196
Android (android.graphics.Color)	4287535262 (0xFF8E989E)
YUV	149.6940, 4.0949, -6.7476
Hunter-Lab	55.3858, -4.8965, -0.5852

Details

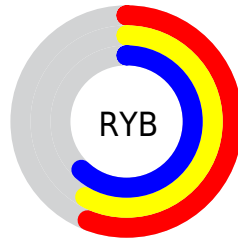
The XYZ color **28.5551, 30.6759, 36.7638** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.5730, 30.4016, 29.9010**, and the grayscale version is **28.8461, 30.3484, 33.0494**.

A 20% lighter version of the original color is **56.8465, 60.6825, 71.6675**, and **11.7212, 12.6442, 15.7327** is the 20% darker color. If you saturate the color by 10%, you get **25.0969, 27.5023, 36.3340**, and if you desaturate by 10%, it is **32.4474, 34.1462, 37.2290**.

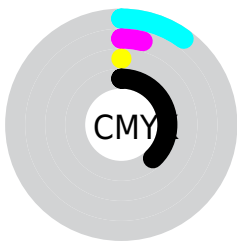
Distribution



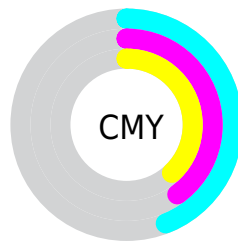
- Red (56%)
- Green (60%)
- Blue (62%)



- Red (56%)
- Yellow (58%)
- Blue (62%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (38%)



- Cyan (44%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5551, 30.6759, 36.7638 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 28.5551, 30.6759, 36.7638 by changing the saturation by 10% instead.

■ 28.5551, 30.6759,
36.7638

■ 28.5551, 30.6759,
36.7638

287.1422,
305.0424, 347.4246

■ 18.8871, 20.3522,
24.7303

■ 56.7719, 60.7294,
71.3916

■ 11.6923, 12.6513,
15.6591

■ 76.0515, 81.2281,
94.8230

■ 6.6052, 7.1889,
9.1315

■ 99.2656, 105.8871,
122.8908

■ 3.2606, 3.5805,
4.7291

126.7797,
135.0909, 156.0136

■ 1.2930, 1.4418,
2.0332

158.9590,
169.2240, 194.6098

■ 0.1780, 0.2472,
0.5756

196.1690,

■ 0.0000, 0.0000,

208.6707, 239.0980

0.0000

238.7749,
253.8153, 289.8968

■ 28.5551, 30.6759,
36.7638

■ 28.5551, 30.6759,
36.7638

■ 25.0969, 27.5023,
36.3340

■ 32.4474, 34.1462,
37.2290

■ 22.0533, 24.6120,
35.9365

■ 36.7869, 37.9184,
37.7284

■ 19.4073, 21.9957,
35.5710

■ 41.5895, 42.0027,
38.2636

■ 17.1397, 19.6426,
35.2363

■ 46.8695, 46.4072,
38.8355

■ 15.2292, 17.5407,
34.9313

■ 52.6404, 51.1401,
39.4448

■ 13.6527, 15.6768,
34.6546

■ 58.9154, 56.2088,
40.0925

■ 12.3839, 14.0362,
34.4048

■ 65.7070, 61.6210,
40.7792

■ 11.3918, 12.6019,
34.1802

■ 67.9236, 64.7525,
41.2668

■ 10.6123, 11.3499,
33.9797

■ 69.3164, 67.5381,
41.7311

Harmonies

Analogous

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



28.0772, 30.6759, 35.3917



28.5551, 30.6759, 36.7638



29.2005, 30.6759, 37.2252

Triad

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



28.5551, 30.6759, 36.7638



30.4630, 30.6759, 33.2750



28.4800, 30.6759, 30.3675

Complementary

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



28.5551, 30.6759, 36.7638



29.5730, 30.4016, 29.9010

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.



29.1126, 30.6759, 29.8478



28.5551, 30.6759, 36.7638



30.2632, 30.6759, 31.4861

Square

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



28.5551, 30.6759, 36.7638



30.3083, 30.6759, 35.1654



29.7663, 30.6759, 30.2495



28.0343, 30.6759, 31.6963

Rectangle

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



28.5551, 30.6759, 36.7638



29.6408, 30.6759, 36.9406



29.7663, 30.6759, 30.2495



28.6775, 30.6759, 30.0948

Sweetspot

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



28.5560, 30.6772, 36.7645



56.7684, 60.1050, 67.3529



28.7174, 32.3389, 32.6906



12.6716, 13.4380, 15.1696



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.



28.5560, 30.6772, 36.7645



50.4684, 54.4497, 66.5933



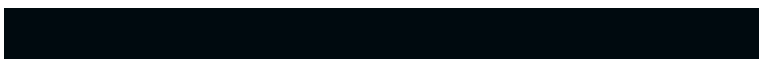
27.3208, 28.2068, 36.3527



6.6127, 7.0912, 8.4269



8.5379, 9.1673, 27.2267



0.1922, 0.2430, 0.5000

Inverse Universe

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



29.4417, 28.8827, 33.7305



52.3940, 50.6031, 59.9851



30.8496, 32.9548, 30.3266



6.7986, 6.7124, 7.7906



13.1077, 6.5477, 10.0843



0.2543, 0.1251, 0.2854

Previews

White Background



This preview shows how the XYZ color 28.5551, 30.6759, 36.7638 looks on a white background.

Color Contrast Check

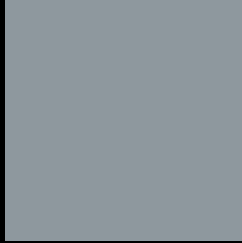
Large Text (above 18pt) WCAG AA × Fail

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 28.5551, 30.6759, 36.7638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

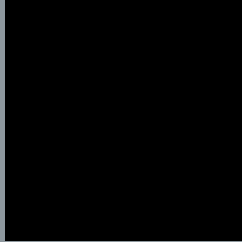
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

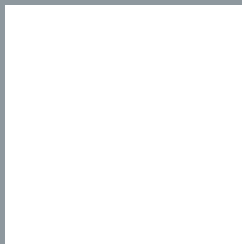
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.5551, 30.6759, 36.7638

Background



This preview shows how black text looks on a background with the XYZ color 28.5551, 30.6759, 36.7638.



This preview shows how white text looks on a background with the XYZ color 28.5551, 30.6759,

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

28.5551, 30.6759, 36.7638

Protanopia

29.5107, 30.4745, 35.7793

Deuteranopia

31.2348, 30.6380, 37.0684



Tritanopia

29.0052, 30.6172, 39.0313

Trichromacy



Original Color

28.5551, 30.6759, 36.7638

Protanomaly

29.2049, 30.5429, 36.2544

Deuteranomaly

30.1743, 30.5530, 37.1079

Tritanomaly

28.8273, 30.5461, 38.0948

Monochromacy



Original Color

28.5551, 30.6759, 36.7638

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.8490, 30.6362, 34.5299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5551, 30.6759, 36.7638 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, 152, 158)` looks like.

```
.text, #text, p{  
    color:rgb(142, 152, 158)  
}
```

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, 152, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 152, 158) }
```

Border

The CSS property to change the border of an element to XYZ 28.5551, 30.6759, 36.7638 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, 152, 158) }
```


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

```
.border{ border-color:rgb(142, 152, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 152, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 152, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 152, 158);  
box-shadow:4px 4px 4px 4px rgb(142, 152,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5551, 30.6759, 36.7638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 152, 158) }
```

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

```
.background{ background-color: rgb(142,  
152, 158) }
```

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