

Converting Colors

XYZ(28.5437, 35.3238, 36.6238)

Have a look what the booklet for
XYZ(28.5437, 35.3238, 36.6238)
contains.

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Color

**XYZ(28.5439, 35.3607,
36.7734)**

Conversions

Conversions Part 1

Format	Color
Hex	7BAA9C
RGB	123, 170, 156
RGB Percent	48%, 67%, 61%
CMY	0.5176, 0.3333, 0.3882
CMYK	0.28, 0.00, 0.08, 0.33
HSL	162°, 22%, 57%
HSV	162°, 28%, 67%
XYZ	28.5439, 35.3607, 36.7734
YIQ	154.3510, -23.5180, -14.3180

Conversions

Conversions Part 2

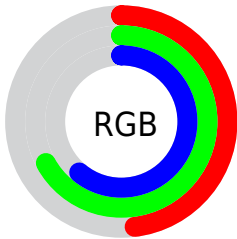
Format	Color
RYB	123, 151, 170
Decimal	8104604
CIELab	66.03, -18.74, 2.15
CIElCh	66, 18.861, 173.458
Yxy	35.3607, 0.2835, 0.3512
Android (android.graphics.Color)	4286294684 (0xFF7BAA9C)
YUV	154.3510, 0.8130, -27.4948
Hunter-Lab	59.4649, -18.3812, 4.9601

Details

The XYZ color **28.5439, 35.3607, 36.7734** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.1772, 24.5191, 26.9160**, and the grayscale version is **30.8741, 32.4820, 35.3729**.

A 20% lighter version of the original color is **56.6895, 67.8507, 71.0814**, and **11.7007, 15.3545, 15.7116** is the 20% darker color. If you saturate the color by 10%, you get **25.9002, 34.0473, 34.4580**, and if you desaturate by 10%, it is **31.6298, 36.9019, 39.2044**.

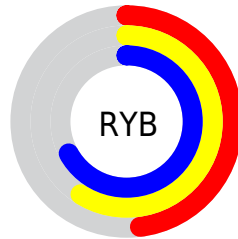
Distribution



Red (48%)

Green (67%)

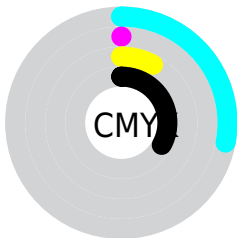
Blue (61%)



Red (48%)

Yellow (59%)

Blue (67%)

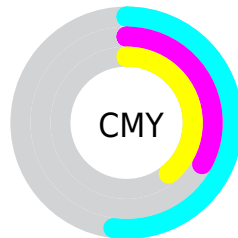


Cyan (28%)

Magenta (0%)

Yellow (8%)

Black (33%)



Cyan (52%)

Magenta (33%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5439, 35.3607, 36.7734 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 28.5439, 35.3607, 36.7734 by changing the saturation by 10% instead.

■ 28.5439, 35.3607,
36.7734

■ 28.5439, 35.3607,
36.7734

287.0900,
326.1576, 347.4675

■ 18.8786, 23.9409,
24.7377

■ 56.7542, 68.0442,
71.4066

■ 11.6861, 15.2898,
15.6645

■ 76.0300, 90.0766,
94.8411

■ 6.6010, 9.0230,
9.1353

■ 99.2399, 116.4153,
122.9123

■ 3.2579, 4.7562,
4.7315

126.7494,
147.4448, 156.0387

■ 1.2916, 2.1049,
2.0346

158.9238,
183.5493, 194.6389

■ 0.1769, 0.6674,
0.5765

196.1285,

■ 0.0000, 0.0000,

225.1134, 239.1314

0.0000

238.7288,
272.5213, 289.9348

■ 28.5439, 35.3607,
36.7734

■ 28.5439, 35.3607,
36.7734

■ 25.9002, 34.0473,
34.4580

■ 31.6298, 36.9019,
39.2044

■ 23.6737, 32.9460,
32.2536

■ 35.1754, 38.6770,
41.7506

■ 21.8413, 32.0458,
30.1587

■ 39.2009, 40.6974,
44.4148

■ 20.3766, 31.3332,
28.1710

■ 43.7242, 42.9724,
47.1990

■ 19.2497, 30.7928,
26.2878

■ 48.7626, 45.5106,
50.1049

■ 18.4257, 30.4065,
24.5064

■ 54.3323, 48.3206,
53.1343

■ 17.8491, 30.1460,
22.8228

■ 60.4487, 51.4103,
56.2891

■ 17.7267, 30.0912,
22.4397

■ 65.6382, 54.0198,
59.5012

■ 66.2266, 54.2552,
62.5997

Harmonies

Analogous

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



29.4706, 35.3607, 30.0392



28.5439, 35.3607, 36.7734



28.9127, 35.3607, 44.9651

Triad

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



28.5439, 35.3607, 36.7734



35.7962, 35.3607, 54.4318



36.9145, 35.3607, 27.4046

Complementary

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



28.5439, 35.3607, 36.7734



28.1772, 24.5191, 26.9160

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.



38.7887, 35.3607, 32.6896



28.5439, 35.3607, 36.7734



38.1184, 35.3607, 48.4209

Square

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



28.5439, 35.3607, 36.7734



33.0002, 35.3607, 55.9226



39.2411, 35.3607, 40.2835



34.2258, 35.3607, 25.1363

Rectangle

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



28.5439, 35.3607, 36.7734



29.8543, 35.3607, 50.0986



39.2411, 35.3607, 40.2835



37.6666, 35.3607, 28.8488

Sweetspot

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



28.5449, 35.3621, 36.7742



63.4788, 70.0017, 75.5138



28.2840, 35.5078, 24.1026



13.9335, 15.4991, 16.6851



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.5449, 35.3621, 36.7742



48.8402, 62.6906, 64.1945



28.1003, 32.4647, 42.8171



7.6509, 8.4934, 9.1478



13.0648, 22.1447, 16.6398



0.3387, 0.5471, 0.5148

Inverse Universe

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



28.1772, 24.5191, 26.9160



48.0671, 39.8062, 43.4034



28.4595, 26.5884, 22.3717



7.6197, 7.5777, 8.3143



12.6504, 6.4689, 2.9707



0.3300, 0.1663, 0.1892

Previews

White Background



This preview shows how the XYZ color 28.5439, 35.3607, 36.7734 looks on a white background.

Color Contrast Check

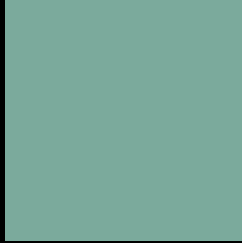
Large Text (above 18pt) WCAG AA × Fail

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 28.5439, 35.3607, 36.7734 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

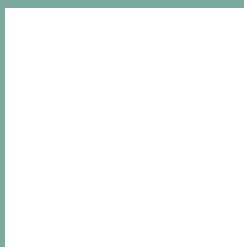
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.5439, 35.3607, 36.7734

Background



This preview shows how black text looks on a background with the XYZ color 28.5439, 35.3607, 36.7734.

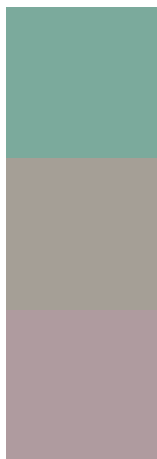


This preview shows how white text looks on a background with the XYZ color 28.5439, 35.3607,

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

28.5439, 35.3607, 36.7734

Protanopia

33.4202, 34.9976, 33.8479

Deuteranopia

35.6585, 35.0599, 37.6887



Tritanopia

30.7765, 35.1569, 48.3439

Trichromacy



Original Color

28.5439, 35.3607, 36.7734

Protanomaly

31.3424, 34.9454, 34.7990

Deuteranomaly

32.4527, 34.6782, 37.3309

Tritanomaly

29.7736, 35.0133, 43.7171

Monochromacy



Original Color

28.5439, 35.3607, 36.7734

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.8149, 33.3478, 35.8757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5439, 35.3607, 36.7734 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(123, 170, 156)` looks like.

```
.text, #text, p{  
    color:rgb(123, 170, 156)  
}
```

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(123, 170, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 170, 156) }
```

Border

The CSS property to change the border of an element to XYZ 28.5439, 35.3607, 36.7734 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(123, 170, 156) }
```


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

```
.border{ border-color:rgb(123, 170, 156) }
```

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

Here you see how a box with a 4 pixel rgb(123, 170, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 170, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 170, 156);  
box-shadow:4px 4px 4px 4px rgb(123, 170,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5439, 35.3607, 36.7734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 170, 156) }
```

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

```
.background{ background-color: rgb(123,  
170, 156) }
```

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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