

Converting Colors

XYZ(27.7352, 35.7001, 35.9320)

Have a look what the booklet for
XYZ(27.7352, 35.7001, 35.9320)
contains.

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Color

**XYZ(27.8465, 35.8651,
36.0268)**

Conversions

Conversions Part 1

Format	Color
Hex	73AD9A
RGB	115, 173, 154
RGB Percent	45%, 68%, 60%
CMY	0.5490, 0.3216, 0.3961
CMYK	0.34, 0.00, 0.11, 0.32
HSL	160°, 26%, 56%
HSV	160°, 34%, 68%
XYZ	27.8465, 35.8651, 36.0268
YIQ	153.4920, -28.4690, -18.2050

Conversions

Conversions Part 2

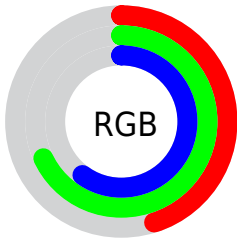
Format	Color
RYB	115, 150, 173
Decimal	7581082
CIELab	66.42, -23.16, 3.77
CIElCh	66, 23.465, 170.762
Yxy	35.8651, 0.2792, 0.3596
Android (android.graphics.Color)	4285771162 (0xFF73AD9A)
YUV	153.4920, 0.2504, -33.7575
Hunter-Lab	59.8875, -21.8041, 6.2539

Details

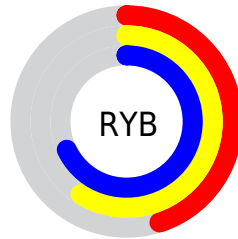
The XYZ color **27.8465, 35.8651, 36.0268** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.6686, 22.8678, 25.5112**, and the grayscale version is **30.5014, 32.0898, 34.9458**.

A 20% lighter version of the original color is **55.7667, 69.0277, 70.0590**, and **11.2790, 15.5022, 15.2297** is the 20% darker color. If you saturate the color by 10%, you get **25.3208, 34.6173, 33.5028**, and if you desaturate by 10%, it is **30.8235, 37.3449, 38.6898**.

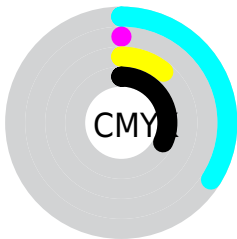
Distribution



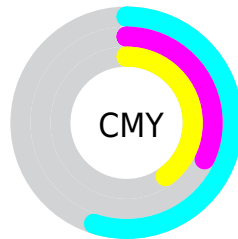
- Red (45%)
- Green (68%)
- Blue (60%)



- Red (45%)
- Yellow (59%)
- Blue (68%)



- Cyan (34%)
- Magenta (0%)
- Yellow (11%)
- Black (32%)



- Cyan (55%)
- Magenta (32%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8465, 35.8651, 36.0268 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 27.8465, 35.8651, 36.0268 by changing the saturation by 10% instead.

■ 27.8465, 35.8651,
36.0268

■ 27.8465, 35.8651,
36.0268

283.8261,
328.3705, 344.1186

■ 18.3498, 24.3300,
24.1650

■ 55.6496, 68.8238,
70.2429

■ 11.3027, 15.5786,
15.2428

■ 74.6868, 91.0162,
93.4344

■ 6.3396, 9.2265,
8.8414

■ 97.6349, 117.5299,
121.2395

■ 3.0953, 4.8892,
4.5425

124.8592,
148.7492, 154.0768

■ 1.2043, 2.1824,
1.9274

156.7252,
185.0585, 192.3648

■ 0.1098, 0.7104,
0.5101

193.5980,

■ 0.0000, 0.0000,

226.8422, 236.5221

0.0000

235.8432,
274.4848, 286.9672

■ 27.8465, 35.8651,
36.0268

■ 27.8465, 35.8651,
36.0268

■ 25.3208, 34.6173,
33.5028

■ 30.8235, 37.3449,
38.6898

■ 23.2191, 33.5845,
31.1127

■ 34.2711, 39.0637,
41.4921

■ 21.5158, 32.7546,
28.8543

■ 38.2111, 41.0338,
44.4368

■ 20.1811, 32.1124,
26.7248

■ 42.6632, 43.2652,
47.5265

■ 19.1810, 31.6401,
24.7207

■ 47.6459, 45.7673,
50.7634

■ 18.4747, 31.3169,
22.8385

■ 53.1766, 48.5493,
54.1499

■ 18.1156, 31.1570,
21.6815

■ 59.2721, 51.6197,
57.6880

■ 65.9484, 54.9866,
61.3800

■ 67.2051, 55.5568,
64.9465

Harmonies

Analogous

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



29.1198, 35.8651, 28.0475



27.8465, 35.8651, 36.0268



28.1544, 35.8651, 46.3181

Triad

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



27.8465, 35.8651, 36.0268



36.5398, 35.8651, 60.0778



38.5426, 35.8651, 25.9018

Complementary

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



27.8465, 35.8651, 36.0268



27.6686, 22.8678, 25.5112

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.



40.8033, 35.8651, 32.5868



27.8465, 35.8651, 36.0268



39.5929, 35.8651, 52.6110

Square

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



27.8465, 35.8651, 36.0268



33.0157, 35.8651, 61.4275



41.2003, 35.8651, 42.2399



35.1847, 35.8651, 22.8992

Rectangle

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



27.8465, 35.8651, 36.0268



29.2239, 35.8651, 53.0931



41.2003, 35.8651, 42.2399



39.4655, 35.8651, 27.7326

Sweetspot

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



27.8475, 35.8666, 36.0276



63.6403, 71.0898, 76.0461



27.9239, 36.2223, 21.7399



13.6286, 15.3486, 16.3728



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.



27.8475, 35.8666, 36.0276



46.5467, 62.5875, 61.2532



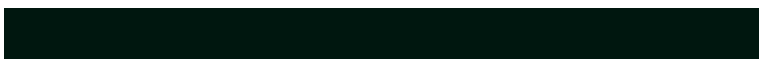
27.7706, 32.9763, 44.4383



8.1230, 9.0268, 9.6729



13.3351, 22.8993, 16.0704



0.3947, 0.6465, 0.5722

Inverse Universe

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



27.6686, 22.8678, 25.5112



46.1835, 35.8210, 39.6240



27.6207, 24.7059, 19.5330



8.1094, 8.0570, 8.8869



13.2212, 6.7510, 3.5441



0.3934, 0.1980, 0.2334

Previews

White Background



This preview shows how the XYZ color 27.8465, 35.8651, 36.0268 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 27.8465, 35.8651, 36.0268 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 27.8465, 35.8651, 36.0268

Background



This preview shows how black text looks on a background with the XYZ color 27.8465, 35.8651, 36.0268.



This preview shows how white text looks on a background with the XYZ color 27.8465, 35.8651,

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

27.8465, 35.8651, 36.0268

Protanopia

33.7736, 35.4637, 32.6689

Deuteranopia

36.1915, 35.5927, 37.3103



Tritanopia

30.5166, 35.8183, 49.5612

Trichromacy



Original Color

27.8465, 35.8651, 36.0268

Protanomaly

31.1729, 35.4082, 34.0456

Deuteranomaly

32.3326, 35.1450, 36.9778

Tritanomaly

29.4289, 35.6499, 44.3598

Monochromacy



Original Color

27.8465, 35.8651, 36.0268

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

28.9680, 32.9305, 34.9664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8465, 35.8651, 36.0268 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(115, 173, 154)` looks like.

```
.text, #text, p{  
    color:rgb(115, 173, 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(115, 173, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 173, 154) }
```

Border

The CSS property to change the border of an element to XYZ 27.8465, 35.8651, 36.0268 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(115, 173, 154) }
```


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

```
.border{ border-color:rgb(115, 173, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 173, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 173, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 173, 154);  
box-shadow:4px 4px 4px 4px rgb(115, 173,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8465, 35.8651, 36.0268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 173, 154) }
```

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

```
.background{ background-color: rgb(115,  
173, 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](#).

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