

Converting Colors

XYZ(27.6602, 35.9344, 28.5609)

Have a look what the booklet for
XYZ(27.6602, 35.9344, 28.5609)
contains.

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Color

**XYZ(27.6289, 35.9215,
28.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	7CAD87
RGB	124, 173, 135
RGB Percent	49%, 68%, 53%
CMY	0.5137, 0.3216, 0.4706
CMYK	0.28, 0.00, 0.22, 0.32
HSL	133°, 23%, 58%
HSV	133°, 28%, 68%
XYZ	27.6289, 35.9215, 28.3990
YIQ	154.0170, -17.0060, -22.2060

Conversions

Conversions Part 2

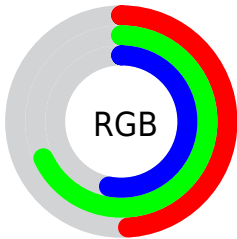
Format	Color
RYB	124, 164, 173
Decimal	8170887
CIELab	66.46, -24.21, 14.39
CIELCh	66, 28.166, 149.282
Yxy	35.9215, 0.3005, 0.3907
Android (android.graphics.Color)	4286360967 (0xFF7CAD87)
YUV	154.0170, -9.3754, -26.3249
Hunter-Lab	59.9345, -22.5997, 13.8606

Details

The XYZ color **27.6289, 35.9215, 28.3990** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.9640, 25.9089, 37.5528**, and the grayscale version is **30.7686, 32.3709, 35.2519**.

A 20% lighter version of the original color is **55.4565, 69.1344, 57.9984**, and **11.1038, 15.5053, 11.0019** is the 20% darker color. If you saturate the color by 10%, you get **24.4589, 34.3907, 23.6267**, and if you desaturate by 10%, it is **31.3585, 37.7291, 33.8205**.

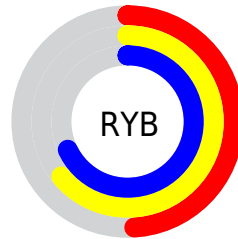
Distribution



Red (49%)

Green (68%)

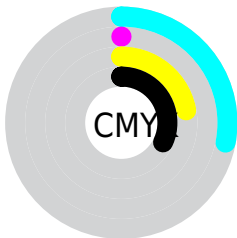
Blue (53%)



Red (49%)

Yellow (64%)

Blue (68%)

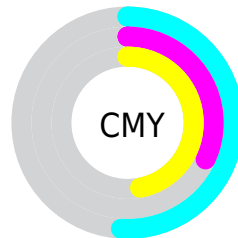


Cyan (28%)

Magenta (0%)

Yellow (22%)

Black (32%)



Cyan (51%)

Magenta (32%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6289, 35.9215, 28.3990 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 27.6289, 35.9215, 28.3990 by changing the saturation by 10% instead.

■ 27.6289, 35.9215,
28.3990

■ 27.6289, 35.9215,
28.3990

282.8017,
328.6173, 308.3403

■ 18.1851, 24.3736,
18.3850

■ 55.3042, 68.9109,
58.1516

■ 11.1835, 15.6110,
11.0545

■ 74.2665, 91.1211,
78.7272

■ 6.2586, 9.2493,
5.9888

■ 97.1323, 117.6543,
103.6605

■ 3.0451, 4.9041,
2.7696

124.2669,
148.8947, 133.3700

■ 1.1777, 2.1911,
0.9782

156.0359,
185.2269, 168.2741

■ 0.0886, 0.7152,
0.0000

192.8044,

■ 0.0000, 0.0000,

227.0351, 208.7916

0.0000

234.9379,
274.7037, 255.3408

■ 27.6289, 35.9215,
28.3990

■ 27.6289, 35.9215,
28.3990

■ 24.4589, 34.3907,
23.6267

■ 31.3585, 37.7291,
33.8205

■ 21.8183, 33.1185,
19.4769

■ 35.6704, 39.8216,
39.9117

■ 19.6785, 32.0918,
15.9245

■ 40.5892, 42.2123,
46.6955

■ 18.0067, 31.2942,
12.9419

■ 46.1375, 44.9123,
54.1926

■ 16.7661, 30.7075,
10.4993

■ 52.3367, 47.9324,
62.4231

■ 15.9145, 30.3104,
8.5638

■ 59.2070, 51.2824,
71.4061

■ 15.3823, 30.0679,
7.0986

■ 66.7680, 54.9722,
81.1603

■ 15.3078, 30.0339,
6.8957

■ 72.2616, 57.5795,
91.5734

■ 74.2343, 58.3685,
101.9614

Harmonies

Analogous

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



30.3242, 35.9215, 22.1384



27.6289, 35.9215, 28.3990



26.6522, 35.9215, 38.8217

Triad

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



27.6289, 35.9215, 28.3990



34.0406, 35.9215, 67.2655



41.7227, 35.9215, 28.8088

Complementary

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



27.6289, 35.9215, 28.3990



30.9640, 25.9089, 37.5528

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.



42.9187, 35.9215, 39.4046



27.6289, 35.9215, 28.3990



38.2682, 35.9215, 63.0938

Square

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



27.6289, 35.9215, 28.3990



30.1616, 35.9215, 62.6938



41.6065, 35.9215, 52.2292



38.4587, 35.9215, 22.3384

Rectangle

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



27.6289, 35.9215, 28.3990



27.0395, 35.9215, 47.3017



41.6065, 35.9215, 52.2292



42.3913, 35.9215, 31.9275

Sweetspot

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



27.6299, 35.9230, 28.3998



64.0340, 71.3896, 71.6901



33.5613, 39.0657, 24.8406



13.6542, 15.3874, 15.2140



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.



27.6299, 35.9230, 28.3998



45.8075, 62.5572, 45.3684



29.5250, 36.6811, 38.3793



7.9754, 8.9677, 8.8954



11.2638, 22.0708, 5.1628



0.3336, 0.6221, 0.2504

Inverse Universe

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



30.9640, 25.9089, 37.5528



52.7667, 41.6421, 64.4629



29.0213, 25.1318, 27.3225



8.2590, 8.1168, 9.6745



15.8525, 7.8035, 17.4005



0.4597, 0.2246, 0.5828

Previews

White Background



This preview shows how the XYZ color 27.6289, 35.9215, 28.3990 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 27.6289, 35.9215, 28.3990 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 27.6289, 35.9215, 28.3990

Background



This preview shows how black text looks on a background with the XYZ color 27.6289, 35.9215, 28.3990.



This preview shows how white text looks on a background with the XYZ color 27.6289, 35.9215,

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

27.6289, 35.9215, 28.3990

Protanopia

33.5019, 35.7326, 25.9002

Deuteranopia

36.3891, 35.6211, 29.3837



Tritanopia

31.7298, 35.9193, 48.4408

Trichromacy



Original Color

27.6289, 35.9215, 28.3990

Protanomaly

30.8783, 35.4190, 26.6818

Deuteranomaly

32.6120, 35.4622, 29.1708

Tritanomaly

30.0947, 35.8021, 40.4463

Monochromacy



Original Color

27.6289, 35.9215, 28.3990

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.3390, 33.4360, 32.5112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6289, 35.9215, 28.3990 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(124, 173, 135)` looks like.

```
.text, #text, p{  
    color:rgb(124, 173, 135)  
}
```

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(124, 173, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 173, 135) }
```

Border

The CSS property to change the border of an element to XYZ 27.6289, 35.9215, 28.3990 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(124, 173, 135) }
```


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

```
.border{ border-color:rgb(124, 173, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 173, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 173, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 173, 135);  
box-shadow:4px 4px 4px 4px rgb(124, 173,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6289, 35.9215, 28.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 173, 135) }
```

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

```
.background{ background-color: rgb(124,  
173, 135) }
```

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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