

Converting Colors

XYZ(28.8324, 27.4114, 34.3519)

Have a look what the booklet for
XYZ(28.8324, 27.4114, 34.3519)
contains.

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Color

**XYZ(28.8789, 27.4935,
34.3565)**

Conversions

Conversions Part 1

Format	Color
Hex	9E899A
RGB	158, 137, 154
RGB Percent	62%, 54%, 60%
CMY	0.3804, 0.4627, 0.3961
CMYK	0.00, 0.13, 0.03, 0.38
HSL	311°, 10%, 58%
HSV	311°, 13%, 62%
XYZ	28.8789, 27.4935, 34.3565
YIQ	145.2170, 7.0590, 9.7390

Conversions

Conversions Part 2

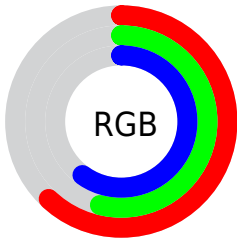
Format	Color
R _Y B	158, 137, 154
Decimal	10389914
CIE Lab	59.43, 11.02, -6.11
CIE LCh	59, 12.597, 330.984
Yxy	27.4935, 0.3183, 0.3030
Android (android.graphics.Color)	4288579994 (0xFF9E899A)
YUV	145.2170, 4.3300, 11.2107
Hunter-Lab	52.4342, 6.5515, -2.1446

Details

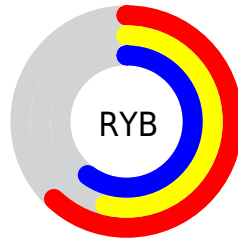
The XYZ color **28.8789, 27.4935, 34.3565** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.3521, 31.6959, 29.8771**, and the grayscale version is **26.9834, 28.3887, 30.9153**.

A 20% lighter version of the original color is **57.2392, 55.5271, 67.3755**, and **11.9198, 10.9215, 14.3118** is the 20% darker color. If you saturate the color by 10%, you get **26.5480, 23.2276, 32.3584**, and if you desaturate by 10%, it is **31.5466, 32.4222, 36.4985**.

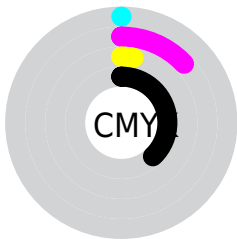
Distribution



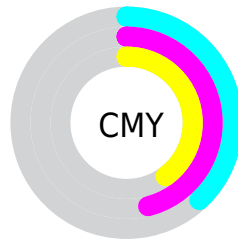
- Red (62%)
- Green (54%)
- Blue (60%)



- Red (62%)
- Yellow (54%)
- Blue (60%)



- Cyan (0%)
- Magenta (13%)
- Yellow (3%)
- Black (38%)



- Cyan (38%)
- Magenta (46%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8789, 27.4935, 34.3565 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 28.8789, 27.4935, 34.3565 by changing the saturation by 10% instead.

■ 28.8789, 27.4935,
34.3565

■ 28.8789, 27.4935,
34.3565

288.6477,
290.0387, 336.5363

■ 19.1331, 17.9442,
22.8880

■ 57.2835, 55.6748,
67.6279

■ 11.8710, 10.9099,
14.3063

■ 76.6730, 75.0755,
90.2679

■ 6.7275, 6.0063,
8.1929

■ 100.0077, 98.5289,
117.4688

■ 3.3371, 2.8489,
4.1291

127.6531,
126.4193, 149.6492

■ 1.3344, 1.0534,
1.6964

159.9744,
159.1310, 187.2276

■ 0.2088, 0.0000,
0.3583

197.3370,

■ 0.0000, 0.0000,

197.0486, 230.6226

0.0000

240.1063,
240.5564, 280.2526

■ 28.8789, 27.4935,
34.3565

■ 28.8789, 27.4935,
34.3565

■ 26.5480, 23.2276,
32.3584

■ 31.5466, 32.4222,
36.4985

■ 24.5373, 19.5923,
30.4975

■ 34.5621, 38.0368,
38.7874

■ 22.8321, 16.5582,
28.7690

■ 37.9388, 44.3637,
41.2282

■ 21.4159, 14.0924,
27.1672

■ 41.6889, 51.4270,
43.8250

■ 20.2706, 12.1583,
25.6858

■ 45.8238, 59.2495,
46.5821

■ 19.3757, 10.7155,
24.3178

■ 50.3544, 67.8531,
49.5031

■ 18.7080, 9.7175,
23.0551

■ 55.2913, 77.2588,
52.5919

■ 18.2399, 9.1091,
21.8883

■ 57.9046, 82.0068,
54.9387

■ 17.9905, 8.8251,
21.1433

■ 58.2104, 82.1291,
56.5491

Harmonies

Analogous

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



27.7268, 27.4935, 38.0298



28.8789, 27.4935, 34.3565



29.2878, 27.4935, 29.7866

Triad

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



28.8789, 27.4935, 34.3565



26.0796, 27.4935, 22.0533



23.6133, 27.4935, 34.6409

Complementary

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



28.8789, 27.4935, 34.3565



27.3521, 31.6959, 29.8771

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.



23.2109, 27.4935, 30.0854



28.8789, 27.4935, 34.3565



24.5991, 27.4935, 23.0803

Square

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



28.8789, 27.4935, 34.3565



27.6329, 27.4935, 22.9549



23.5646, 27.4935, 25.9115



24.6860, 27.4935, 38.2053

Rectangle

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



28.8789, 27.4935, 34.3565



29.0715, 27.4935, 26.9274



23.5646, 27.4935, 25.9115



23.3972, 27.4935, 33.1602

Sweetspot

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



28.8797, 27.4947, 34.3571



56.8831, 58.1273, 65.9641



26.0774, 26.0109, 35.9943



12.7415, 12.9514, 14.8066



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.



28.8797, 27.4947, 34.3571



51.1017, 47.4627, 61.2674



28.0544, 27.1646, 30.0113



6.8499, 6.7329, 8.0609



14.4221, 7.0734, 17.0054



0.2707, 0.1316, 0.3714

Inverse Universe

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



28.8797, 27.4947, 34.3571



51.1017, 47.4627, 61.2674



28.1587, 32.0185, 34.1242



6.8499, 6.7329, 8.0609



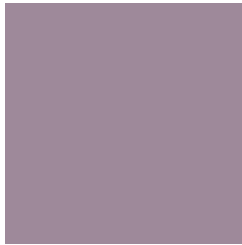
14.4221, 7.0734, 17.0054



0.2707, 0.1316, 0.3714

Previews

White Background



This preview shows how the XYZ color 28.8789, 27.4935, 34.3565 looks on a white background.

Color Contrast Check

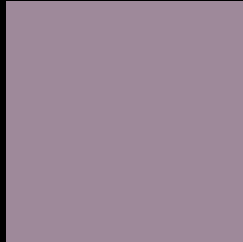
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8789, 27.4935, 34.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

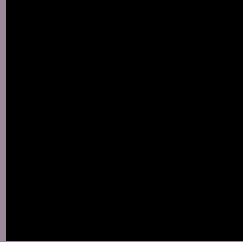
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.8789, 27.4935, 34.3565

Background



This preview shows how black text looks on a background with the XYZ color 28.8789, 27.4935, 34.3565.



This preview shows how white text looks on a background with the XYZ color 28.8789, 27.4935,

34.3565.

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

28.8789, 27.4935, 34.3565

Protanopia

26.9141, 27.5311, 35.7938

Deuteranopia

28.0142, 27.4737, 34.3983



Tritanopia

28.4179, 27.5150, 32.2469

Trichromacy



Original Color

28.8789, 27.4935, 34.3565

Protanomaly

27.5916, 27.4524, 35.2971

Deuteranomaly

28.2476, 27.3801, 34.3679

Tritanomaly

28.5790, 27.5794, 33.0952

Monochromacy



Original Color

28.8789, 27.4935, 34.3565

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.5960, 27.9682, 31.9609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8789, 27.4935, 34.3565 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(158, 137, 154)` looks like.

```
.text, #text, p{  
    color:rgb(158, 137, 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(158, 137, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 137, 154) }
```

Border

The CSS property to change the border of an element to XYZ 28.8789, 27.4935, 34.3565 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(158, 137, 154) }
```


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

```
.border{ border-color:rgb(158, 137, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 137, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 137, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 137, 154);  
box-shadow:4px 4px 4px 4px rgb(158, 137,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8789, 27.4935, 34.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 137, 154) }
```

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

```
.background{ background-color: rgb(158,  
137, 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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