

Converting Colors

XYZ(29.3088, 27.0616, 35.5770)

Have a look what the booklet for
XYZ(29.3088, 27.0616, 35.5770)
contains.

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Color

**XYZ(29.3088, 27.0616,
35.5770)**

Conversions

Conversions Part 1

Format	Color
Hex	A1869D
RGB	161, 134, 157
RGB Percent	63%, 53%, 62%
CMY	0.3686, 0.4745, 0.3843
CMYK	0.00, 0.17, 0.02, 0.37
HSL	309°, 13%, 58%
HSV	309°, 17%, 63%
XYZ	29.3088, 27.0616, 35.5770
YIQ	144.6950, 8.7090, 12.8770

Conversions

Conversions Part 2

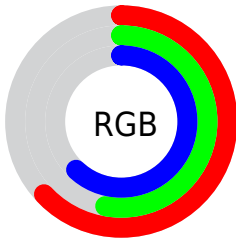
Format	Color
R_{YB}	161, 134, 157
Decimal	10585757
CIE Lab	59.03, 14.39, -8.39
CIE LCh	59, 16.654, 329.756
Yxy	27.0616, 0.3188, 0.2943
Android (android.graphics.Color)	4288775837 (0xFFA1869D)
YUV	144.6950, 6.0664, 14.2995
Hunter-Lab	52.0208, 9.5316, -4.1339

Details

The XYZ color **29.3088, 27.0616, 35.5770** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.1648, 32.3937, 28.8670**, and the grayscale version is **26.7643, 28.1581, 30.6642**.

A 20% lighter version of the original color is **57.9729, 54.8930, 69.8273**, and **12.0785, 10.6325, 15.0513** is the 20% darker color. If you saturate the color by 10%, you get **27.0494, 22.8650, 33.8291**, and if you desaturate by 10%, it is **31.9126, 31.9397, 37.4599**.

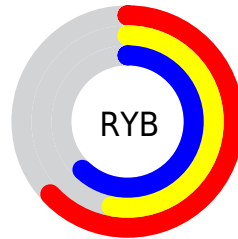
Distribution



Red (63%)

Green (53%)

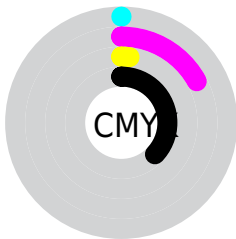
Blue (62%)



Red (63%)

Yellow (53%)

Blue (62%)

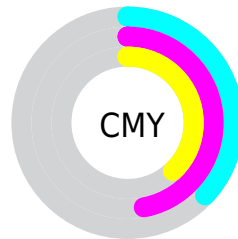


Cyan (0%)

Magenta (17%)

Yellow (2%)

Black (37%)



Cyan (37%)

Magenta (47%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3088, 27.0616, 35.5770 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 29.3088, 27.0616, 35.5770 by changing the saturation by 10% instead.

■ 29.3088, 27.0616,
35.5770

■ 29.3088, 27.0616,
35.5770

290.6372,
287.9553, 342.0892

■ 19.4600, 17.6195,
23.8206

■ 57.9615, 54.9827,
69.5404

■ 12.1091, 10.6772,
14.9896

■ 77.4962, 74.2305,
92.5844

■ 6.8908, 5.8502,
8.6656

■ 100.9901, 97.5156,
120.2280

■ 3.4396, 2.7542,
4.4299

128.8087,
125.2225, 152.8898

■ 1.3903, 1.0048,
1.8640

161.3174,
157.7355, 190.9882

■ 0.2493, 0.0000,
0.4697

198.8815,

■ 0.0000, 0.0000,

195.4390, 234.9419

0.0000

241.8663,
238.7175, 285.1694

■ 29.3088, 27.0616,
35.5770

■ 29.3088, 27.0616,
35.5770

■ 27.0494, 22.8650,
33.8291

■ 31.9126, 31.9397,
37.4599

■ 25.1166, 19.3159,
32.2094

■ 34.8727, 37.5244,
39.4810

■ 23.4948, 16.3825,
30.7127

■ 38.2034, 43.8438,
41.6454

■ 22.1661, 14.0291,
29.3329

■ 41.9175, 50.9235,
43.9576

■ 21.1108, 12.2161,
28.0635

■ 46.0271, 58.7878,
46.4217

■ 20.3067, 10.8993,
26.8969

■ 50.5439, 67.4599,
49.0416

■ 19.7279, 10.0271,
25.8243

■ 55.4791, 76.9622,
51.8213

■ 19.3361, 9.5227,
24.8329

■ 58.3028, 82.2350,
53.9175

■ 19.2240, 9.3875,
24.5213

■ 58.5411, 82.3303,
55.1724

Harmonies

Analogous

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



27.7441, 27.0616, 40.4900



29.3088, 27.0616, 35.5770



29.9028, 27.0616, 29.5141

Triad

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



29.3088, 27.0616, 35.5770



25.7382, 27.0616, 19.4880



22.4236, 27.0616, 35.4817

Complementary

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



29.3088, 27.0616, 35.5770



27.1648, 32.3937, 28.8670

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.



21.9489, 27.0616, 29.4170



29.3088, 27.0616, 35.5770



23.7992, 27.0616, 20.6492

Square

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



29.3088, 27.0616, 35.5770



27.7750, 27.0616, 20.6875



22.4391, 27.0616, 24.0973



23.7713, 27.0616, 40.4300

Rectangle

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



29.3088, 27.0616, 35.5770



29.6450, 27.0616, 25.7840



22.4391, 27.0616, 24.0973



22.1600, 27.0616, 33.4817

Sweetspot

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



29.3096, 27.0628, 35.5776



57.9946, 58.7856, 67.6754



25.3745, 24.9940, 37.2054



12.6461, 12.7552, 14.7914



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.



29.3096, 27.0628, 35.5776



50.9609, 45.6173, 62.5592



28.2503, 26.6391, 29.9995



7.3190, 7.1841, 8.6663



15.3653, 7.5022, 19.6460



0.3344, 0.1622, 0.4733

Inverse Universe

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



29.3096, 27.0628, 35.5776



50.9609, 45.6173, 62.5592



28.1713, 32.7963, 34.1671



7.3190, 7.1841, 8.6663



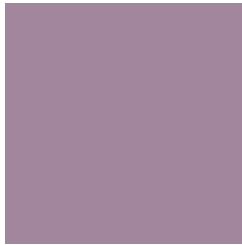
15.3653, 7.5022, 19.6460



0.3344, 0.1622, 0.4733

Previews

White Background



This preview shows how the XYZ color 29.3088, 27.0616, 35.5770 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 29.3088, 27.0616, 35.5770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

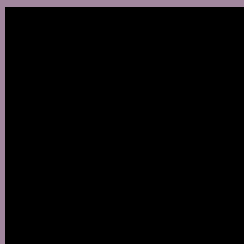
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.3088, 27.0616, 35.5770

Background



This preview shows how black text looks on a background with the XYZ color 29.3088, 27.0616, 35.5770.



This preview shows how white text looks on a background with the XYZ color 29.3088, 27.0616,

35.5770.

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

29.3088, 27.0616, 35.5770

Protanopia

26.6939, 27.1474, 38.0155

Deuteranopia

27.6669, 27.0613, 35.2176



Tritanopia

28.4897, 27.1572, 30.9344

Trichromacy



Original Color

29.3088, 27.0616, 35.5770

Protanomaly

27.4663, 26.9181, 37.0058

Deuteranomaly

28.2728, 27.1616, 35.2051

Tritanomaly

28.6662, 27.0035, 32.5555

Monochromacy



Original Color

29.3088, 27.0616, 35.5770

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.7122, 27.7990, 32.3389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3088, 27.0616, 35.5770 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(161, 134, 157)` looks like.

```
.text, #text, p{  
    color:rgb(161, 134, 157)  
}
```

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(161, 134, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 134, 157) }
```

Border

The CSS property to change the border of an element to XYZ 29.3088, 27.0616, 35.5770 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(161, 134, 157) }
```


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

```
.border{ border-color:rgb(161, 134, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 134, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 134, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 134, 157);  
box-shadow:4px 4px 4px 4px rgb(161, 134,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3088, 27.0616, 35.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 134, 157) }
```

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

```
.background{ background-color: rgb(161,  
134, 157) }
```

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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