

Converting Colors

XYZ(29.1336, 27.1675, 36.0561)

Have a look what the booklet for
XYZ(29.1336, 27.1675, 36.0561)
contains.

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Color

**XYZ(29.1336, 27.1675,
36.0561)**

Conversions

Conversions Part 1

Format	Color
Hex	9F879E
RGB	159, 135, 158
RGB Percent	62%, 53%, 62%
CMY	0.3765, 0.4706, 0.3804
CMYK	0.00, 0.15, 0.01, 0.38
HSL	303°, 11%, 58%
HSV	303°, 15%, 62%
XYZ	29.1336, 27.1675, 36.0561
YIQ	144.7980, 6.9210, 12.2410

Conversions

Conversions Part 2

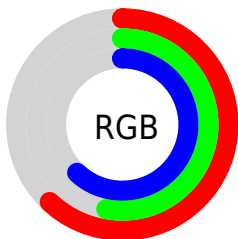
Format	Color
R _Y B	159, 135, 158
Decimal	10454942
CIE Lab	59.13, 13.29, -8.84
CIE LCh	59, 15.960, 326.386
Yxy	27.1675, 0.3154, 0.2942
Android (android.graphics.Color)	4288645022 (0xFF9F879E)
YUV	144.7980, 6.5086, 12.4552
Hunter-Lab	52.1225, 8.5574, -4.5286

Details

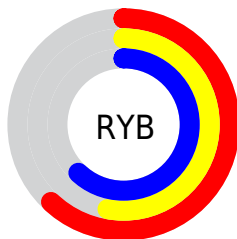
The XYZ color **29.1336, 27.1675, 36.0561** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.8348, 31.7255, 28.0033**, and the grayscale version is **26.8048, 28.2007, 30.7106**.

A 20% lighter version of the original color is **57.7250, 55.0667, 70.5373**, and **11.9657, 10.6843, 15.3415** is the 20% darker color. If you saturate the color by 10%, you get **27.0222, 23.0353, 35.0719**, and if you desaturate by 10%, it is **31.5783, 31.9649, 37.1535**.

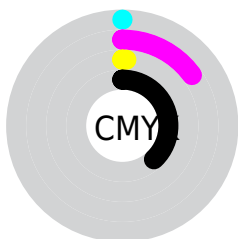
Distribution



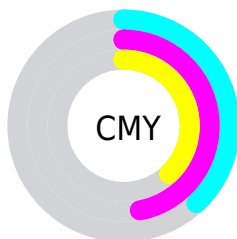
- Red (62%)
- Green (53%)
- Blue (62%)



- Red (62%)
- Yellow (53%)
- Blue (62%)



- Cyan (0%)
- Magenta (15%)
- Yellow (1%)
- Black (38%)



- Cyan (38%)
- Magenta (47%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1336, 27.1675, 36.0561 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 29.1336, 27.1675, 36.0561 by changing the saturation by 10% instead.

■ 29.1336, 27.1675,
36.0561

■ 29.1336, 27.1675,
36.0561

289.8276,
288.4672, 344.2505

■ 19.3267, 17.6991,
24.1875

■ 57.6854, 55.1525,
70.2887

■ 12.0120, 10.7341,
15.2593

■ 77.1610, 74.4379,
93.4897

■ 6.8241, 5.8884,
8.8529

■ 100.5901, 97.7644,
121.3053

■ 3.3977, 2.7773,
4.5499

128.3383,
125.5164, 154.1540

■ 1.3674, 1.0166,
1.9316

160.7708,
158.0783, 192.4543

■ 0.2328, 0.0000,
0.5127

198.2529,

■ 0.0000, 0.0000,

195.8344, 236.6248

0.0000

241.1501,
239.1693, 287.0840

■ 29.1336, 27.1675,
36.0561

■ 29.1336, 27.1675,
36.0561

■ 27.0222, 23.0353,
35.0719

■ 31.5783, 31.9649,
37.1535

■ 25.2269, 19.5353,
34.1944

■ 34.3675, 37.4512,
38.3670

■ 23.7329, 16.6374,
33.4187

■ 37.5150, 43.6537,
39.7014

■ 22.5231, 14.3073,
32.7393

■ 41.0331, 50.5969,
41.1608

■ 21.5787, 12.5075,
32.1498

■ 44.9334, 58.3041,
42.7492

■ 20.8786, 11.1959,
31.6434

■ 49.2273, 66.7978,
44.4703

■ 20.3986, 10.3240,
31.2117

■ 53.9253, 76.0994,
46.3277

■ 20.1080, 9.8304,
30.8447

■ 56.6962, 81.5462,
47.5442

■ 19.9965, 9.6503,
30.6756

■ 56.7559, 81.5701,
47.8586

Harmonies

Analogous

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



27.5560, 27.1675, 40.4966



29.1336, 27.1675, 36.0561



29.8226, 27.1675, 30.2754

Triad

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



29.1336, 27.1675, 36.0561



26.0633, 27.1675, 19.9554



22.5506, 27.1675, 34.7109

Complementary

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



29.1336, 27.1675, 36.0561



26.8348, 31.7255, 28.0033

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.



22.1960, 27.1675, 28.8969



29.1336, 27.1675, 36.0561



24.1621, 27.1675, 20.8272

Square

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



29.1336, 27.1675, 36.0561



27.9936, 27.1675, 21.3775



22.7712, 27.1675, 23.9312



23.7655, 27.1675, 39.6527

Rectangle

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



29.1336, 27.1675, 36.0561



29.6606, 27.1675, 26.6023



22.7712, 27.1675, 23.9312



22.3296, 27.1675, 32.7737

Sweetspot

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



29.1344, 27.1687, 36.0567



56.5518, 57.2430, 66.5371



25.0441, 25.0500, 36.3165



12.6800, 12.7687, 14.9700



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.



29.1344, 27.1687, 36.0567



50.8832, 46.1227, 63.9787



28.1668, 26.7817, 30.9616



6.8922, 6.7498, 8.2835



15.7976, 7.6236, 24.2489



0.2858, 0.1376, 0.4509

Inverse Universe

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



29.1344, 27.1687, 36.0567



50.8832, 46.1227, 63.9787



27.7202, 32.0797, 32.6660



6.8922, 6.7498, 8.2835



15.7976, 7.6236, 24.2489



0.2858, 0.1376, 0.4509

Previews

White Background



This preview shows how the XYZ color 29.1336, 27.1675, 36.0561 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 29.1336, 27.1675, 36.0561 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 29.1336, 27.1675, 36.0561

Background



This preview shows how black text looks on a background with the XYZ color 29.1336, 27.1675, 36.0561.



This preview shows how white text looks on a background with the XYZ color 29.1336, 27.1675,

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

29.1336, 27.1675, 36.0561

Protanopia

26.6939, 27.1474, 38.0155

Deuteranopia

27.7128, 27.2891, 35.7050



Tritanopia

28.1167, 27.1660, 31.3654

Trichromacy



Original Color

29.1336, 27.1675, 36.0561

Protanomaly

27.5197, 27.1494, 37.5081

Deuteranomaly

28.3112, 27.3836, 35.6917

Tritanomaly

28.4906, 27.1118, 33.0096

Monochromacy



Original Color

29.1336, 27.1675, 36.0561

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.6076, 27.7358, 32.7526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1336, 27.1675, 36.0561 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(159, 135, 158)` looks like.

```
.text, #text, p{  
    color:rgb(159, 135, 158)  
}
```

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(159, 135, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 135, 158) }
```

Border

The CSS property to change the border of an element to XYZ 29.1336, 27.1675, 36.0561 is called "border". The border property can be set on classes, ids or directly on the HTML element.

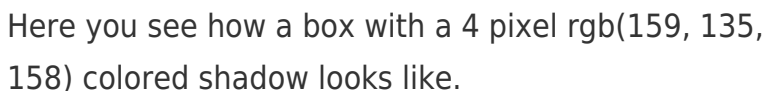
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 135, 158) }
```


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

```
.border{ border-color:rgb(159, 135, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 135, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 135, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 135, 158); box-shadow:4px 4px 4px 4px rgb(159, 135, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1336, 27.1675, 36.0561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 135, 158) }
```

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

```
.background{ background-color: rgb(159,  
135, 158) }
```

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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