

Converting Colors

XYZ(27.9530, 29.1267, 35.6458)

Have a look what the booklet for
XYZ(27.9530, 29.1267, 35.6458)
contains.

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Color

**XYZ(27.9361, 29.1970,
35.6157)**

Conversions

Conversions Part 1

Format	Color
Hex	90939C
RGB	144, 147, 156
RGB Percent	56%, 58%, 61%
CMY	0.4353, 0.4235, 0.3882
CMYK	0.08, 0.06, 0.00, 0.39
HSL	225°, 6%, 59%
HSV	225°, 8%, 61%
XYZ	27.9361, 29.1970, 35.6157
YIQ	147.1290, -4.6770, 2.1630

Conversions

Conversions Part 2

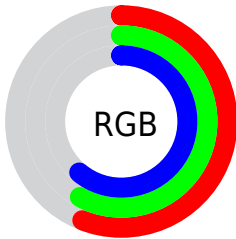
Format	Color
RYB	144, 146, 156
Decimal	9474972
CIELab	60.96, 0.74, -5.12
CIElCh	61, 5.174, 278.182
Yxy	29.1970, 0.3012, 0.3148
Android (android.graphics.Color)	4287665052 (0xFF90939C)
YUV	147.1290, 4.3734, -2.7441
Hunter-Lab	54.0342, -2.2741, -1.2560

Details

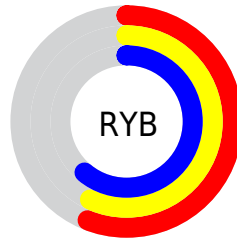
The XYZ color **27.9361, 29.1970, 35.6157** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.1358, 31.8640, 30.9482**, and the grayscale version is **27.7711, 29.2173, 31.8177**.

A 20% lighter version of the original color is **55.8082, 58.4322, 69.3099**, and **11.4406, 11.9490, 15.0680** is the 20% darker color. If you saturate the color by 10%, you get **23.6701, 24.4341, 34.9217**, and if you desaturate by 10%, it is **32.7653, 34.5265, 36.3903**.

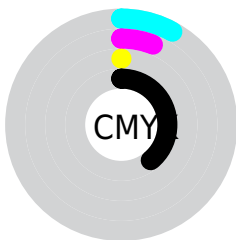
Distribution



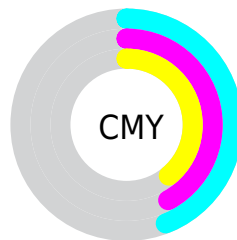
- Red (56%)
- Green (58%)
- Blue (61%)



- Red (56%)
- Yellow (57%)
- Blue (61%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (39%)



- Cyan (44%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9361, 29.1970, 35.6157 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 27.9361, 29.1970, 35.6157 by changing the saturation by 10% instead.

■ 27.9361, 29.1970,
35.6157

■ 27.9361, 29.1970,
35.6157

284.2471,
298.1433, 342.2642

■ 18.4177, 19.2299,
23.8502

■ 55.7918, 58.3899,
69.6008

■ 11.3518, 11.8365,
15.0114

■ 74.8597, 78.3846,
92.6576

■ 6.3730, 6.6325,
8.6806

97.8416, 102.4905,
120.3151

■ 3.1160, 3.2333,
4.4395

125.1028,
131.0921, 152.9920

■ 1.2154, 1.2547,
1.8694

157.0085,
164.5738, 191.1069

■ 0.1185, 0.1057,
0.4732

193.9243,

■ 0.0000, 0.0000,

203.3200, 235.0781

0.0000

236.2153,
247.7150, 285.3244

■ 27.9361, 29.1970,
35.6157

■ 27.9361, 29.1970,
35.6157

■ 23.6701, 24.4341,
34.9217

■ 32.7653, 34.5265,
36.3903

■ 19.9440, 20.2151,
34.3037

■ 38.1750, 40.4368,
37.2460

■ 16.7363, 16.5213,
33.7598

■ 44.1846, 46.9464,
38.1857

■ 14.0235, 13.3315,
33.2871

■ 50.8122, 54.0718,
39.2118

■ 11.7798, 10.6229,
32.8825

■ 58.0749, 61.8286,
40.3262

■ 9.9772, 8.3709,
32.5428

■ 65.9891, 70.2322,
41.5311

■ 8.5844, 6.5485,
32.2645

■ 74.5707, 79.2972,
42.8286

■ 7.5657, 5.1256,
32.0435

■ 78.5734, 86.3255,
43.9742

■ 6.8641, 4.0600,
31.8748

■ 82.1401, 93.4588,
45.1631

Harmonies

Analogous

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



27.2710, 29.1970, 35.3697



27.9361, 29.1970, 35.6157



28.5614, 29.1970, 34.8045

Triad

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



27.9361, 29.1970, 35.6157



28.7842, 29.1970, 29.5465



26.5627, 29.1970, 30.4283

Complementary

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



27.9361, 29.1970, 35.6157



30.1358, 31.8640, 30.9482

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.



26.9558, 29.1970, 28.9559



27.9361, 29.1970, 35.6157



28.2363, 29.1970, 28.4614

Square

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



27.9361, 29.1970, 35.6157



29.0562, 29.1970, 31.2642



27.5665, 29.1970, 28.2496



26.4852, 29.1970, 32.3228

Rectangle

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



27.9361, 29.1970, 35.6157



28.8690, 29.1970, 33.7919



27.5665, 29.1970, 28.2496



26.6620, 29.1970, 29.8698

Sweetspot

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



27.9370, 29.1982, 35.6163



55.5699, 58.3736, 65.4651



29.1239, 32.0001, 34.6926



12.2518, 12.8712, 14.4090



74.8435, 78.7412, 85.7492



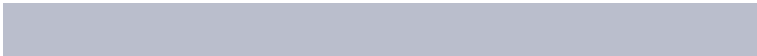
12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.9370, 29.1982, 35.6163



49.5253, 51.6815, 64.4920



27.9714, 28.5320, 35.4859



6.4129, 6.6915, 8.3603



5.5653, 3.2221, 26.2358



0.1299, 0.1184, 0.4792

Inverse Universe

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



28.9507, 29.1217, 31.7003



51.7047, 51.5316, 56.0702



30.0977, 32.5829, 31.0890



6.6977, 6.6720, 7.2595



11.6073, 5.9475, 2.1831



0.2229, 0.1125, 0.1199

Previews

White Background



This preview shows how the XYZ color 27.9361, 29.1970, 35.6157 looks on a white background.

Color Contrast Check

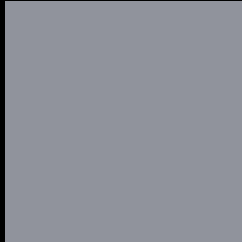
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9361, 29.1970, 35.6157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

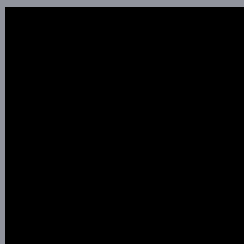
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.9361, 29.1970, 35.6157

Background



This preview shows how black text looks on a background with the XYZ color 27.9361, 29.1970, 35.6157.



This preview shows how white text looks on a background with the XYZ color 27.9361, 29.1970,

35.6157.

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

27.9361, 29.1970, 35.6157

Protanopia

28.2279, 29.1274, 35.1447

Deuteranopia

29.8129, 29.2473, 35.9723



Tritanopia

28.1069, 29.2654, 36.5151

Trichromacy



Original Color

27.9361, 29.1970, 35.6157

Protanomaly

28.0493, 29.0353, 35.1364

Deuteranomaly

29.0080, 29.0562, 35.9778

Tritanomaly

28.0211, 29.2311, 36.0636

Monochromacy



Original Color

27.9361, 29.1970, 35.6157

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.7928, 29.1804, 33.0217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9361, 29.1970, 35.6157 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(144, 147, 156)` looks like.

```
.text, #text, p{  
    color:rgb(144, 147, 156)  
}
```

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(144, 147, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 147, 156) }
```

Border

The CSS property to change the border of an element to XYZ 27.9361, 29.1970, 35.6157 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(144, 147, 156) }
```


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

```
.border{ border-color:rgb(144, 147, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 147, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 147, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 147, 156);  
box-shadow:4px 4px 4px 4px rgb(144, 147,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9361, 29.1970, 35.6157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 147, 156) }
```

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

```
.background{ background-color: rgb(144,  
147, 156) }
```

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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