

Converting Colors

XYZ(27.0632, 28.5424, 35.7624)

Have a look what the booklet for
XYZ(27.0632, 28.5424, 35.7624)
contains.

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Color

**XYZ(27.0121, 28.4811,
35.9720)**

Conversions

Conversions Part 1

Format	Color
Hex	8B929D
RGB	139, 146, 157
RGB Percent	55%, 57%, 62%
CMY	0.4549, 0.4274, 0.3843
CMYK	0.11, 0.07, 0.00, 0.38
HSL	217°, 8%, 58%
HSV	217°, 11%, 62%
XYZ	27.0121, 28.4811, 35.9720
YIQ	145.1610, -7.7030, 1.9370

Conversions

Conversions Part 2

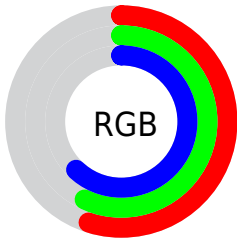
Format	Color
R_{YB}	139, 144, 157
Decimal	9147037
CIE Lab	60.32, -0.24, -6.67
CIE LCh	60, 6.677, 267.970
Yxy	28.4811, 0.2953, 0.3114
Android (android.graphics.Color)	4287337117 (0xFF8B929D)
YUV	145.1610, 5.8366, -5.4032
Hunter-Lab	53.3677, -3.0455, -2.6065

Details

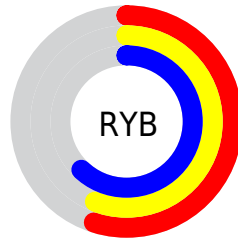
The XYZ color **27.0121, 28.4811, 35.9720** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.4711, 30.8444, 28.8267**, and the grayscale version is **26.9590, 28.3630, 30.8873**.

A 20% lighter version of the original color is **54.5303, 57.3995, 70.4925**, and **10.9042, 11.5302, 15.2865** is the 20% darker color. If you saturate the color by 10%, you get **23.1596, 24.3920, 35.3862**, and if you desaturate by 10%, it is **31.3669, 33.0148, 36.6180**.

Distribution



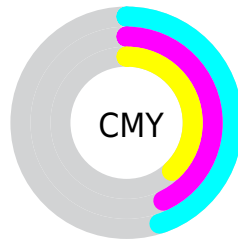
- Red (55%)
- Green (57%)
- Blue (62%)



- Red (55%)
- Yellow (56%)
- Blue (62%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (38%)



- Cyan (45%)
- Magenta (43%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0121, 28.4811, 35.9720 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 27.0121, 28.4811, 35.9720 by changing the saturation by 10% instead.

■ 27.0121, 28.4811,
35.9720

■ 27.0121, 28.4811,
35.9720

279.8822,
294.7587, 343.8719

■ 17.7189, 18.6886,
24.1230

■ 54.3230, 57.2516,
70.1574

■ 10.8469, 11.4455,
15.2119

■ 73.0715, 76.9985,
93.3309

■ 6.0305, 6.3673,
8.8200

■ 95.7025, 100.8323,
121.1164

■ 2.9045, 3.0697,
4.5287

122.5813,
129.1373, 153.9324

■ 1.1034, 1.1682,
1.9197

154.0734,
162.2981, 192.1974

■ 0.0280, 0.0355,
0.5052

190.5439,

■ 0.0000, 0.0000,

200.6990, 236.3299

0.0000

232.3584,
244.7244, 286.7486

■ 27.0121, 28.4811,
35.9720

■ 27.0121, 28.4811,
35.9720

■ 23.1596, 24.3920,
35.3862

■ 31.3669, 33.0148,
36.6180

■ 19.7878, 20.7297,
34.8570

■ 36.2393, 38.0033,
37.3241

■ 16.8774, 17.4802,
34.3832

■ 41.6473, 43.4605,
38.0924

■ 14.4065, 14.6274,
33.9628

■ 47.6071, 49.3990,
38.9245

■ 12.3515, 12.1541,
33.5937

■ 54.1342, 55.8306,
39.8219

■ 10.6862, 10.0415,
33.2737

■ 61.2435, 62.7670,
40.7861

■ 9.3812, 8.2687,
33.0003

■ 68.9493, 70.2192,
41.8184

■ 8.4024, 6.8121,
32.7708

■ 73.6443, 76.3311,
42.7506

■ 7.7589, 5.7804,
32.6055

■ 76.2762, 81.5950,
43.6280

Harmonies

Analogous

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



26.2056, 28.4811, 35.1877



27.0121, 28.4811, 35.9720



27.8509, 28.4811, 35.3699

Triad

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



27.0121, 28.4811, 35.9720



28.5524, 28.4811, 28.8493



25.6969, 28.4811, 28.5742

Complementary

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



27.0121, 28.4811, 35.9720



29.4711, 30.8444, 28.8267

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.



26.3047, 28.4811, 27.0259



27.0121, 28.4811, 35.9720



27.9541, 28.4811, 27.1787

Square

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



27.0121, 28.4811, 35.9720



28.7513, 28.4811, 31.1786



27.1288, 28.4811, 26.5286



25.4564, 28.4811, 30.8442

Rectangle

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



27.0121, 28.4811, 35.9720



28.3133, 28.4811, 34.2802



27.1288, 28.4811, 26.5286



25.8644, 28.4811, 27.9567

Sweetspot

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



27.0129, 28.4823, 35.9726



54.8709, 57.7786, 65.3871



28.1937, 31.7989, 33.4220



11.9367, 12.5716, 14.3678



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.



27.0129, 28.4823, 35.9726



46.3524, 48.8750, 64.1175



26.2693, 26.5451, 35.6379



6.4858, 6.8374, 8.3846



6.3355, 4.7625, 26.4926



0.1530, 0.1646, 0.4869

Inverse Universe

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



28.3262, 27.7091, 31.0511



49.2392, 47.2375, 53.2847



30.2736, 32.9668, 29.1941



6.7346, 6.6867, 7.4533



11.9961, 6.1030, 4.2303



0.2345, 0.1171, 0.1812

Previews

White Background



This preview shows how the XYZ color 27.0121, 28.4811, 35.9720 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 27.0121, 28.4811, 35.9720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

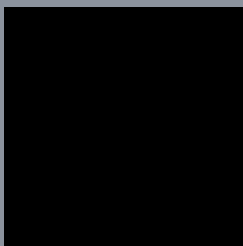
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

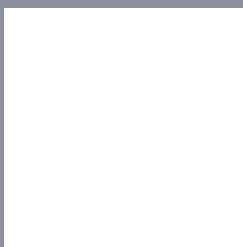
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.0121, 28.4811, 35.9720

Background



This preview shows how black text looks on a background with the XYZ color 27.0121, 28.4811, 35.9720.



This preview shows how white text looks on a background with the XYZ color 27.0121, 28.4811,

35.9720.

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

27.0121, 28.4811, 35.9720

Protanopia

27.6511, 28.3666, 35.4704

Deuteranopia

29.0229, 28.3884, 36.2976



Tritanopia

27.0121, 28.4811, 35.9720

Trichromacy



Original Color

27.0121, 28.4811, 35.9720

Protanomaly

27.4538, 28.4907, 35.5048

Deuteranomaly

28.3884, 28.5031, 36.3532

Tritanomaly

27.0121, 28.4811, 35.9720

Monochromacy



Original Color

27.0121, 28.4811, 35.9720

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.8779, 28.2604, 32.4719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0121, 28.4811, 35.9720 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(139, 146, 157)` looks like.

```
.text, #text, p{  
    color:rgb(139, 146, 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(139, 146, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 146, 157) }
```

Border

The CSS property to change the border of an element to XYZ 27.0121, 28.4811, 35.9720 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(139, 146, 157) }
```


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

```
.border{ border-color:rgb(139, 146, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 146, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 146, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 146, 157);  
box-shadow:4px 4px 4px 4px rgb(139, 146,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0121, 28.4811, 35.9720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 146, 157) }
```

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

```
.background{ background-color: rgb(139,  
146, 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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