

Converting Colors

XYZ(27.6499, 28.8639, 36.8915)

Have a look what the booklet for
XYZ(27.6499, 28.8639, 36.8915)
contains.

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Color

**XYZ(27.5214, 28.7237,
36.8946)**

Conversions

Conversions Part 1

Format	Color
Hex	8D929F
RGB	141, 146, 159
RGB Percent	55%, 57%, 62%
CMY	0.4471, 0.4274, 0.3765
CMYK	0.11, 0.08, 0.00, 0.38
HSL	223°, 9%, 59%
HSV	223°, 11%, 62%
XYZ	27.5214, 28.7237, 36.8946
YIQ	145.9870, -7.1530, 2.9830

Conversions

Conversions Part 2

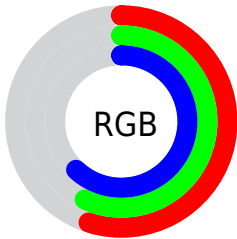
Format	Color
R_{YB}	141, 145, 159
Decimal	9278111
CIE _{Lab}	60.54, 0.89, -7.47
CIE _{LCh}	61, 7.524, 276.757
Yxy	28.7237, 0.2955, 0.3084
Android (android.graphics.Color)	4287468191 (0xFF8D929F)
YUV	145.9870, 6.4154, -4.3736
Hunter-Lab	53.5945, -2.1285, -3.2993

Details

The XYZ color **27.5214, 28.7237, 36.8946** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **30.6615, 32.4050, 29.8386**, and the grayscale version is **27.2936, 28.7150, 31.2706**.

A 20% lighter version of the original color is **55.2976, 57.7657, 71.8537**, and **11.2040, 11.6726, 15.8499** is the 20% darker color. If you saturate the color by 10%, you get **23.3278, 24.0657, 36.2170**, and if you desaturate by 10%, it is **32.2827, 33.9398, 37.6509**.

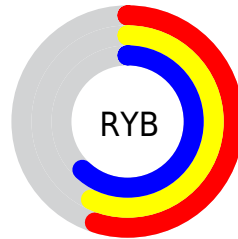
Distribution



Red (55%)

Green (57%)

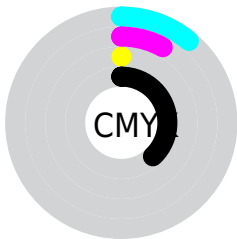
Blue (62%)



Red (55%)

Yellow (57%)

Blue (62%)

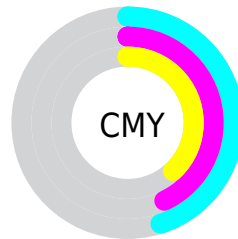


Cyan (11%)

Magenta (8%)

Yellow (0%)

Black (38%)



Cyan (45%)

Magenta (43%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5214, 28.7237, 36.8946 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 27.5214, 28.7237, 36.8946 by changing the saturation by 10% instead.

■ 27.5214, 28.7237,
36.8946

■ 27.5214, 28.7237,
36.8946

282.2946,
295.9091, 348.0089

■ 18.1038, 18.8719,
24.8307

■ 55.1334, 57.6378,
71.5952

■ 11.1247, 11.5778,
15.7331

■ 74.0586, 77.4689,
95.0690

■ 6.2187, 6.4569,
9.1832

■ 96.8836, 101.3952,
123.1831

■ 3.0204, 3.1248,
4.7624

123.9739,
129.8012, 156.3563

■ 1.1646, 1.1972,
2.0523

155.6948,
163.0711, 195.0069

■ 0.0781, 0.0594,
0.5871

192.4116,

■ 0.0000, 0.0000,

201.5895, 239.5535

0.0000

234.4898,
245.7407, 290.4146

■ 27.5214, 28.7237,
36.8946

■ 27.5214, 28.7237,
36.8946

■ 23.3278, 24.0657,
36.2170

■ 32.2827, 33.9398,
37.6509

■ 19.6775, 19.9432,
35.6137

■ 37.6296, 39.7283,
38.4864

■ 16.5484, 16.3374,
35.0826

■ 43.5823, 46.1076,
39.4040

■ 13.9157, 13.2269,
34.6210

■ 50.1594, 53.0941,
40.4059

■ 11.7524, 10.5890,
34.2258

■ 57.3786, 60.7036,
41.4941

■ 10.0288, 8.3986,
33.8939

■ 65.2569, 68.9512,
42.6709

■ 8.7116, 6.6284,
33.6216

■ 73.8107, 77.8515,
43.9380

■ 7.7623, 5.2474,
33.4051

■ 78.0306, 84.8282,
45.0622

■ 7.1657, 4.3185,
33.2572

■ 81.4781, 91.7232,
46.2113

Harmonies

Analogous

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



26.5704, 28.7237, 36.4531



27.5214, 28.7237, 36.8946



28.4342, 28.7237, 35.7604

Triad

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



27.5214, 28.7237, 36.8946



28.8252, 28.7237, 28.1817



25.6203, 28.7237, 29.2111

Complementary

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



27.5214, 28.7237, 36.8946



30.6615, 32.4050, 29.8386

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.



26.1983, 28.7237, 27.1817



27.5214, 28.7237, 36.8946



28.0449, 28.7237, 26.6125

Square

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



27.5214, 28.7237, 36.8946



29.1984, 28.7237, 30.6500



27.0818, 28.7237, 26.2575



25.4876, 28.7237, 31.9089

Rectangle

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



27.5214, 28.7237, 36.8946



28.8934, 28.7237, 34.3007



27.0818, 28.7237, 26.2575



25.7683, 28.7237, 28.4331

Sweetspot

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



27.5222, 28.7249, 36.8952



56.2597, 59.0876, 67.1833



29.2076, 32.7893, 35.3183



12.5284, 13.1517, 15.1219



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.



27.5222, 28.7249, 36.8952



46.9728, 48.8831, 65.7031



27.4428, 27.5642, 36.6754



6.4273, 6.7204, 8.3651



5.6910, 3.4735, 26.2777



0.1345, 0.1277, 0.4808

Inverse Universe

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



29.0119, 28.4966, 31.1668



50.2818, 48.4267, 52.9672



30.7431, 33.6983, 30.0839



6.7050, 6.6749, 7.2979



11.6707, 5.9729, 2.5171



0.2252, 0.1134, 0.1321

Previews

White Background



This preview shows how the XYZ color 27.5214, 28.7237, 36.8946 looks on a white background.

Color Contrast Check

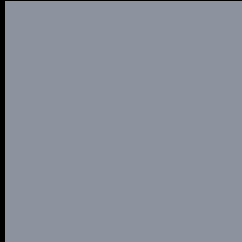
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5214, 28.7237, 36.8946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

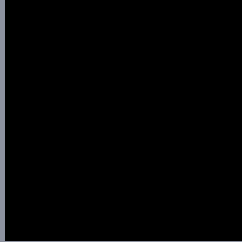
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.5214, 28.7237, 36.8946

Background



This preview shows how black text looks on a background with the XYZ color 27.5214, 28.7237, 36.8946.

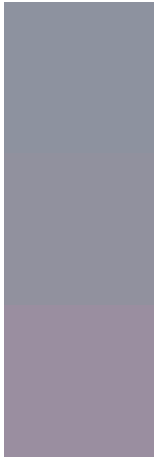


This preview shows how white text looks on a background with the XYZ color 27.5214, 28.7237,

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

27.5214, 28.7237, 36.8946

Protanopia

27.9740, 28.7392, 36.4206

Deuteranopia

29.3446, 28.7541, 37.2612



Tritanopia

27.4349, 28.6891, 36.4393

Trichromacy



Original Color

27.5214, 28.7237, 36.8946

Protanomaly

27.7986, 28.6487, 36.4124

Deuteranomaly

28.5621, 28.5725, 37.2674

Tritanomaly

27.4349, 28.6891, 36.4393

Monochromacy



Original Color

27.5214, 28.7237, 36.8946

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.3664, 28.7214, 33.3796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5214, 28.7237, 36.8946 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(141, 146, 159)` looks like.

```
.text, #text, p{  
    color:rgb(141, 146, 159)  
}
```

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(141, 146, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 146, 159) }
```

Border

The CSS property to change the border of an element to XYZ 27.5214, 28.7237, 36.8946 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(141, 146, 159) }
```


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

```
.border{ border-color:rgb(141, 146, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 146, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 146, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 146, 159);  
box-shadow:4px 4px 4px 4px rgb(141, 146,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5214, 28.7237, 36.8946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 146, 159) }
```

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

```
.background{ background-color: rgb(141,  
146, 159) }
```

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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