

Converting Colors

XYZ(27.1966, 29.5202, 34.6321)

Have a look what the booklet for
XYZ(27.1966, 29.5202, 34.6321)
contains.

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Color

**XYZ(27.2203, 29.5491,
34.8407)**

Conversions

Conversions Part 1

Format	Color
Hex	8A969A
RGB	138, 150, 154
RGB Percent	54%, 59%, 60%
CMY	0.4588, 0.4118, 0.3961
CMYK	0.10, 0.03, 0.00, 0.40
HSL	195°, 7%, 57%
HSV	195°, 10%, 60%
XYZ	27.2203, 29.5491, 34.8407
YIQ	146.8680, -8.4360, -1.3000

Conversions

Conversions Part 2

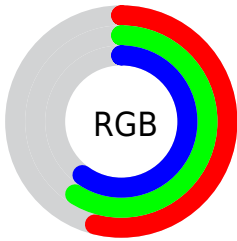
Format	Color
RYB	138, 145, 154
Decimal	9082522
CIELab	61.26, -3.46, -3.58
CIELCh	61, 4.978, 226.038
Yxy	29.5491, 0.2971, 0.3226
Android (android.graphics.Color)	4287272602 (0xFF8A969A)
YUV	146.8680, 3.5161, -7.7772
Hunter-Lab	54.3591, -5.7446, 0.0503

Details

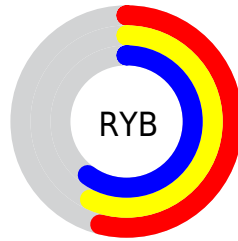
The XYZ color **27.2203, 29.5491, 34.8407** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.5869, 28.0507, 28.0055**, and the grayscale version is **27.6678, 29.1087, 31.6993**.

A 20% lighter version of the original color is **54.4639, 58.8162, 68.1566**, and **10.9345, 11.9777, 14.5676** is the 20% darker color. If you saturate the color by 10%, you get **24.2472, 27.1206, 34.5291**, and if you desaturate by 10%, it is **30.5766, 32.2066, 35.1772**.

Distribution



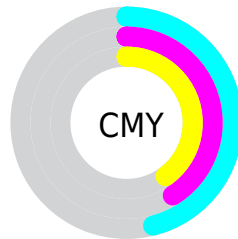
- Red (54%)
- Green (59%)
- Blue (60%)



- Red (54%)
- Yellow (57%)
- Blue (60%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (40%)



- Cyan (46%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2203, 29.5491, 34.8407 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 27.2203, 29.5491, 34.8407 by changing the saturation by 10% instead.

■ 27.2203, 29.5491,
34.8407

■ 27.2203, 29.5491,
34.8407

280.8703,
299.7970, 338.7475

■ 17.8762, 19.4966,
23.2576

■ 54.6546, 58.9484,
68.3877

■ 10.9603, 12.0297,
14.5768

■ 73.4754, 79.0639,
91.1887

■ 6.1072, 6.7639,
8.3796

■ 96.1859, 103.3026,
118.5660

■ 2.9517, 3.3149,
4.2475

123.1514,
132.0489, 150.9383

■ 1.1283, 1.2982,
1.7621

154.7373,
165.6870, 188.7241

■ 0.0486, 0.1398,
0.4028

191.3088,

■ 0.0000, 0.0000,

204.6015, 232.3418

0.0000

233.2313,
249.1767, 282.2101

■ 27.2203, 29.5491,
34.8407

■ 27.2203, 29.5491,
34.8407

■ 24.2472, 27.1206,
34.5291

■ 30.5766, 32.2066,
35.1772

■ 21.6394, 24.9093,
34.2397

■ 34.3279, 35.0972,
35.5374

■ 19.3813, 22.9077,
33.9724

■ 38.4888, 38.2294,
35.9227

■ 17.4554, 21.1064,
33.7262

■ 43.0722, 41.6102,
36.3337

■ 15.8422, 19.4951,
33.5002

■ 48.0905, 45.2462,
36.7710

■ 14.5205, 18.0624,
33.2934

■ 53.5556, 49.1439,
37.2353

■ 13.4659, 16.7957,
33.1044

■ 59.4789, 53.3093,
37.7271

■ 12.6500, 15.6799,
32.9321

■ 63.5528, 56.5530,
38.1385

■ 12.0237, 14.7148,
32.7788

■ 64.3448, 58.1370,
38.4025

Harmonies

Analogous

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



26.8924, 29.5491, 33.1808



27.2203, 29.5491, 34.8407



27.7828, 29.5491, 35.8028

Triad

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



27.2203, 29.5491, 34.8407



29.3256, 29.5491, 33.0521



27.7390, 29.5491, 28.8304

Complementary

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



27.2203, 29.5491, 34.8407



27.5869, 28.0507, 28.0055

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.



28.3905, 29.5491, 28.7990



27.2203, 29.5491, 34.8407



29.3134, 29.5491, 31.1877

Square

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



27.2203, 29.5491, 34.8407



29.0019, 29.5491, 34.7433



28.9689, 29.5491, 29.6469



27.1887, 29.5491, 29.7345

Rectangle

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



27.2203, 29.5491, 34.8407



28.2182, 29.5491, 35.8958



28.9689, 29.5491, 29.6469



27.9533, 29.5491, 28.7187

Sweetspot

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



27.2212, 29.5503, 34.8414



53.8469, 57.1754, 63.7342



26.8997, 30.4599, 29.9483



12.0785, 12.8551, 14.4151



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.



27.2212, 29.5503, 34.8414



48.3972, 52.8322, 63.1831



26.0271, 27.1623, 34.4433



6.2538, 6.7651, 7.9051



9.8251, 12.0469, 26.7151



0.1749, 0.2360, 0.4087

Inverse Universe

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



27.9206, 27.2495, 32.6438



49.8821, 47.9921, 58.5077



28.7781, 30.4331, 28.4026



6.3952, 6.2973, 7.4615



13.4180, 6.6214, 13.9922



0.2147, 0.1046, 0.2835

Previews

White Background



This preview shows how the XYZ color 27.2203, 29.5491, 34.8407 looks on a white background.

Color Contrast Check

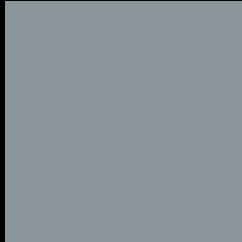
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2203, 29.5491, 34.8407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

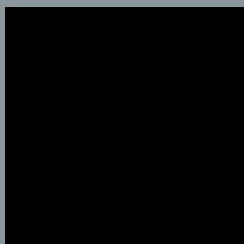
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

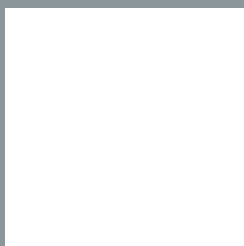
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2203, 29.5491, 34.8407

Background



This preview shows how black text looks on a background with the XYZ color 27.2203, 29.5491, 34.8407.



This preview shows how white text looks on a background with the XYZ color 27.2203, 29.5491,

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

27.2203, 29.5491, 34.8407

Protanopia

28.4956, 29.5240, 33.9026

Deuteranopia

30.0369, 29.3824, 35.0986



Tritanopia

27.8279, 29.5571, 37.9566

Trichromacy



Original Color

27.2203, 29.5491, 34.8407

Protanomaly

28.0167, 29.4995, 34.3543

Deuteranomaly

28.9578, 29.5036, 35.1789

Tritanomaly

27.5665, 29.4525, 36.5797

Monochromacy



Original Color

27.2203, 29.5491, 34.8407

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.5965, 29.3111, 33.0573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2203, 29.5491, 34.8407 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(138, 150, 154)` looks like.

```
.text, #text, p{  
    color:rgb(138, 150, 154)  
}
```

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(138, 150, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 150, 154) }
```

Border

The CSS property to change the border of an element to XYZ 27.2203, 29.5491, 34.8407 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(138, 150, 154) }
```


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

```
.border{ border-color:rgb(138, 150, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 150, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 150, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 150, 154);  
box-shadow:4px 4px 4px 4px rgb(138, 150,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2203, 29.5491, 34.8407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 150, 154) }
```

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

```
.background{ background-color: rgb(138,  
150, 154) }
```

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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