

Converting Colors

XYZ(24.9467, 27.4966, 29.5886)

Have a look what the booklet for
XYZ(24.9467, 27.4966, 29.5886)
contains.

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Color

**XYZ(24.9929, 27.5791,
29.5972)**

Conversions

Conversions Part 1

Format	Color
Hex	86928E
RGB	134, 146, 142
RGB Percent	53%, 57%, 56%
CMY	0.4745, 0.4274, 0.4431
CMYK	0.08, 0.00, 0.03, 0.43
HSL	160°, 5%, 55%
HSV	160°, 8%, 57%
XYZ	24.9929, 27.5791, 29.5972
YIQ	141.9560, -5.8680, -3.7880

Conversions

Conversions Part 2

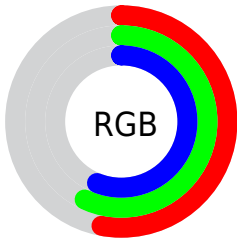
Format	Color
R_{YB}	134, 141, 146
Decimal	8819342
CIE _{Lab}	59.51, -5.13, 0.63
CIE _{LCh}	60, 5.169, 173.033
Yxy	27.5791, 0.3042, 0.3356
Android (android.graphics.Color)	4287009422 (0xFF86928E)
YUV	141.9560, 0.0217, -6.9774
Hunter-Lab	52.5158, -6.9524, 3.3460

Details

The XYZ color **24.9929, 27.5791, 29.5972** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.9676, 24.9969, 27.5551**, and the grayscale version is **25.6960, 27.0342, 29.4402**.

A 20% lighter version of the original color is **51.1116, 55.8589, 60.3125**, and **9.7708, 11.0233, 11.7379** is the 20% darker color. If you saturate the color by 10%, you get **22.4671, 26.3191, 27.6126**, and if you desaturate by 10%, it is **27.8575, 29.0135, 31.6821**.

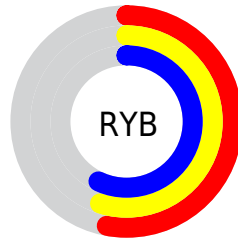
Distribution



Red (53%)

Green (57%)

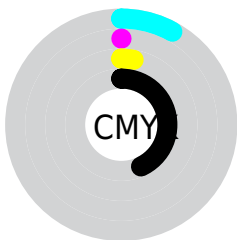
Blue (56%)



Red (53%)

Yellow (55%)

Blue (57%)

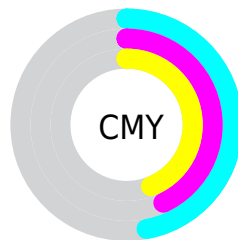


Cyan (8%)

Magenta (0%)

Yellow (3%)

Black (43%)



Cyan (47%)

Magenta (43%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9929, 27.5791, 29.5972 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 24.9929, 27.5791, 29.5972 by changing the saturation by 10% instead.

■ 24.9929, 27.5791,
29.5972

■ 24.9929, 27.5791,
29.5972

270.1509,
290.4502, 314.1710

■ 16.2005, 18.0086,
19.2836

■ 51.0887, 55.8118,
60.0780

■ 9.7579, 10.9562,
11.6965

■ 69.1227, 75.2427,
81.0824

■ 5.2997, 6.0374,
6.4173

■ 90.9681, 98.7293,
106.4874

■ 2.4607, 2.8678,
3.0276

116.9900,
126.6559, 136.7115

■ 0.8755, 1.0631,
1.1088

147.5539,
159.4069, 172.1734

■ 0.0000, 0.0000,
0.0000

183.0251,

197.3666, 213.2916

223.7690,
240.9196, 260.4847

■ 24.9929, 27.5791,
29.5972

■ 24.9929, 27.5791,
29.5972

■ 22.4671, 26.3191,
27.6126

■ 27.8575, 29.0135,
31.6821

■ 20.2646, 25.2232,
25.7250

■ 31.0711, 30.6251,
33.8672

■ 18.3719, 24.2851,
23.9330

■ 34.6465, 32.4213,
36.1547

■ 16.7737, 23.4972,
22.2350

■ 38.5948, 34.4079,
38.5460

■ 15.4535, 22.8508,
20.6291

■ 42.9270, 36.5905,
41.0426

■ 14.3929, 22.3365,
19.1132

■ 47.6533, 38.9743,
43.6461

■ 13.5713, 21.9437,
17.6852

■ 52.7837, 41.5644,
46.3578

■ 12.9649, 21.6601,
16.3429

■ 58.3279, 44.3658,
49.1790

■ 12.5251, 21.4609,
15.0826

■ 60.3632, 45.3563,
51.9272

Harmonies

Analogous

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



25.2279, 27.5791, 27.9291



24.9929, 27.5791, 29.5972



25.0805, 27.5791, 31.4502

Triad

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



24.9929, 27.5791, 29.5972



26.7048, 27.5791, 33.4422



26.9713, 27.5791, 27.2610

Complementary

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



24.9929, 27.5791, 29.5972



24.9676, 24.9969, 27.5551

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.



27.3793, 27.5791, 28.6512



24.9929, 27.5791, 29.5972



27.2236, 27.5791, 32.2316

Square

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



24.9929, 27.5791, 29.5972



26.0619, 27.5791, 33.7210



27.4724, 27.5791, 30.4649



26.3649, 27.5791, 26.6168

Rectangle

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



24.9929, 27.5791, 29.5972



25.3108, 27.5791, 32.5365



27.4724, 27.5791, 30.4649



27.1366, 27.5791, 27.6537

Sweetspot

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



24.9937, 27.5803, 29.5978



47.1399, 50.1781, 54.4627



25.0973, 27.7006, 26.5787



10.5018, 11.1702, 12.1266



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



24.9937, 27.5803, 29.5978



43.1596, 48.1876, 51.5034



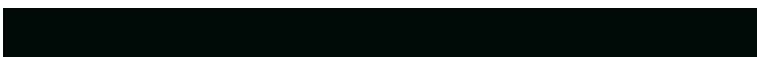
25.0243, 27.1519, 31.1174



5.8827, 6.5297, 6.9933



10.9677, 18.8599, 13.1374



0.1480, 0.2363, 0.2330

Inverse Universe

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



24.9676, 24.9969, 27.5551



43.1034, 42.6057, 47.0898



24.9341, 25.3850, 26.1403



5.8758, 5.8454, 6.4522



10.9232, 5.5743, 3.0766



0.1463, 0.0733, 0.1041

Previews

White Background



This preview shows how the XYZ color 24.9929, 27.5791, 29.5972 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 24.9929, 27.5791, 29.5972 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

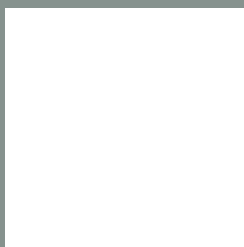
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9929, 27.5791, 29.5972

Background



This preview shows how black text looks on a background with the XYZ color 24.9929, 27.5791, 29.5972.



This preview shows how white text looks on a background with the XYZ color 24.9929, 27.5791,

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

24.9929, 27.5791, 29.5972

Protanopia

26.2607, 27.3504, 28.7060

Deuteranopia

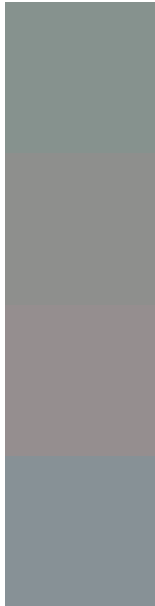
28.0952, 27.6165, 29.8363



Tritanopia

26.0430, 27.5473, 34.9549

Trichromacy



Original Color

24.9929, 27.5791, 29.5972

Protanomaly

25.7855, 27.3188, 29.1133

Deuteranomaly

27.0254, 27.7187, 29.9125

Tritanomaly

25.6221, 27.6037, 32.8318

Monochromacy



Original Color

24.9929, 27.5791, 29.5972

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.3524, 27.0869, 29.4833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9929, 27.5791, 29.5972 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(134, 146, 142) looks like.

```
.text, #text, p{  
    color:rgb(134, 146, 142)  
}
```

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(134, 146, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 146, 142) }
```

Border

The CSS property to change the border of an element to XYZ 24.9929, 27.5791, 29.5972 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(134, 146, 142) }
```


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

```
.border{ border-color:rgb(134, 146, 142) }
```

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

Here you see how a box with a 4 pixel rgb(134, 146, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 146, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 146, 142);  
box-shadow:4px 4px 4px 4px rgb(134, 146,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9929, 27.5791, 29.5972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 146, 142) }
```

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

```
.background{ background-color: rgb(134,  
146, 142) }
```

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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