

Converting Colors

XYZ(24.5594, 27.2937, 30.1423)

Have a look what the booklet for
XYZ(24.5594, 27.2937, 30.1423)
contains.

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Color

**XYZ(24.5969, 27.3662,
29.9724)**

Conversions

Conversions Part 1

Format	Color
Hex	83928F
RGB	131, 146, 143
RGB Percent	51%, 57%, 56%
CMY	0.4863, 0.4274, 0.4392
CMYK	0.10, 0.00, 0.02, 0.43
HSL	168°, 6%, 54%
HSV	168°, 10%, 57%
XYZ	24.5969, 27.3662, 29.9724
YIQ	141.1730, -7.9770, -4.1130

Conversions

Conversions Part 2

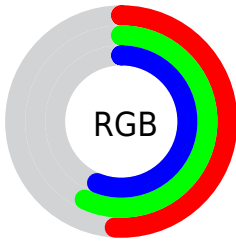
Format	Color
R _Y B	131, 139, 146
Decimal	8622735
CIE Lab	59.31, -5.99, -0.25
CIE LCh	59, 5.997, 182.428
Yxy	27.3662, 0.3002, 0.3340
Android (android.graphics.Color)	4286812815 (0xFF83928F)
YUV	141.1730, 0.9007, -8.9217
Hunter-Lab	52.3127, -7.6184, 2.6489

Details

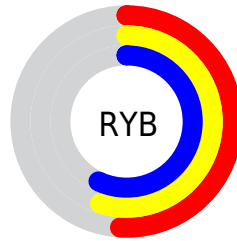
The XYZ color **24.5969, 27.3662, 29.9724** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.2744, 24.0656, 25.9213**, and the grayscale version is **25.3847, 26.7067, 29.0836**.

A 20% lighter version of the original color is **50.4995, 55.5301, 60.8801**, and **9.6383, 10.9499, 11.9615** is the 20% darker color. If you saturate the color by 10%, you get **22.2748, 26.1951, 28.7237**, and if you desaturate by 10%, it is **27.2451, 28.7062, 31.2675**.

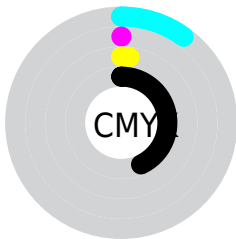
Distribution



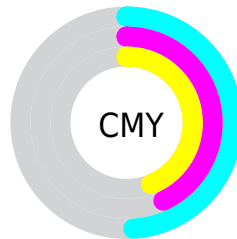
- Red (51%)
- Green (57%)
- Blue (56%)



- Red (51%)
- Yellow (55%)
- Blue (57%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (43%)



- Cyan (49%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5969, 27.3662, 29.9724 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 24.5969, 27.3662, 29.9724 by changing the saturation by 10% instead.

■ 24.5969, 27.3662,
29.9724

■ 24.5969, 27.3662,
29.9724

268.2093,
289.4258, 315.9791

■ 15.9041, 17.8484,
19.5658

■ 50.4501, 55.4709,
60.6790

■ 9.5467, 10.8412,
11.8989

■ 68.3413, 74.8267,
81.8161

■ 5.1594, 5.9602,
6.5531

■ 90.0293, 98.2306,
107.3670

■ 2.3768, 2.8209,
3.1101

115.8795,
126.0670, 137.7504

■ 0.8335, 1.0389,
1.1511

146.2572,
158.7204, 173.3848

■ 0.0000, 0.0000,
0.0000

181.5279,

196.5750, 214.6886

222.0568,
240.0154, 262.0806

■ 24.5969, 27.3662,
29.9724

■ 24.5969, 27.3662,
29.9724

■ 22.2748, 26.1951,
28.7237

■ 27.2451, 28.7062,
31.2675

■ 20.2630, 25.1826,
27.5189

■ 30.2294, 30.2181,
32.6082

■ 18.5481, 24.3225,
26.3577

■ 33.5626, 31.9092,
33.9957

■ 17.1149, 23.6069,
25.2390

■ 37.2559, 33.7852,
35.4308

■ 15.9464, 23.0271,
24.1619

■ 41.3201, 35.8517,
36.9143

■ 15.0243, 22.5737,
23.1253

■ 45.7654, 38.1141,
38.4468

■ 14.3274, 22.2358,
22.1279

■ 50.6018, 40.5773,
40.0290

■ 13.8311, 22.0007,
21.1684

■ 55.8387, 43.2464,
41.6615

■ 13.4776, 21.8380,
20.2683

■ 58.7087, 44.6945,
43.2151

Harmonies

Analogous

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



24.7537, 27.3662, 27.9268



24.5969, 27.3662, 29.9724



24.8129, 27.3662, 32.0663

Triad

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



24.5969, 27.3662, 29.9724



26.7915, 27.3662, 33.4195



26.6837, 27.3662, 26.2853

Complementary

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



24.5969, 27.3662, 29.9724



24.2744, 24.0656, 25.9213

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.



27.2466, 27.3662, 27.6376



24.5969, 27.3662, 29.9724



27.3096, 27.3662, 31.7492

Square

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



24.5969, 27.3662, 29.9724



26.0719, 27.3662, 34.1152



27.4778, 27.3662, 29.6226



25.9497, 27.3662, 25.8597

Rectangle

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



24.5969, 27.3662, 29.9724



25.1416, 27.3662, 33.1906



27.4778, 27.3662, 29.6226



26.8997, 27.3662, 26.6432

Sweetspot

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



24.5977, 27.3674, 29.9730



46.7013, 49.9505, 54.5127



24.2479, 27.2865, 25.4621



10.3088, 11.0714, 12.0882



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.



24.5977, 27.3674, 29.9730



42.5402, 47.8471, 52.4334



24.1851, 26.1733, 30.9727



5.9149, 6.5425, 7.1627



11.8678, 19.2199, 17.8772



0.1554, 0.2393, 0.2723

Inverse Universe

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



24.2744, 24.0656, 25.9213



41.8697, 40.9979, 44.0288



24.6506, 25.1484, 25.0282



5.8454, 5.8332, 6.2923



10.6360, 5.4594, 1.5642



0.1389, 0.0703, 0.0649

Previews

White Background



This preview shows how the XYZ color 24.5969, 27.3662, 29.9724 looks on a white background.

Color Contrast Check

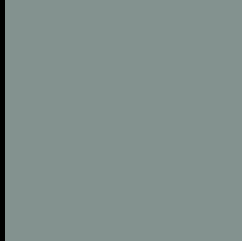
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5969, 27.3662, 29.9724 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

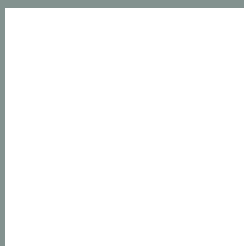
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.5969, 27.3662, 29.9724

Background



This preview shows how black text looks on a background with the XYZ color 24.5969, 27.3662, 29.9724.



This preview shows how white text looks on a background with the XYZ color 24.5969, 27.3662,

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

24.5969, 27.3662, 29.9724

Protanopia

26.1578, 27.2888, 29.0879

Deuteranopia

27.7169, 27.1899, 30.5754



Tritanopia

25.6469, 27.3334, 35.3766

Trichromacy



Original Color

24.5969, 27.3662, 29.9724

Protanomaly

25.5202, 27.1734, 29.4911

Deuteranomaly

26.4130, 27.1744, 30.2386

Tritanomaly

25.2270, 27.3907, 33.2355

Monochromacy



Original Color

24.5969, 27.3662, 29.9724

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.0215, 26.9163, 29.4678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5969, 27.3662, 29.9724 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(131, 146, 143)` looks like.

```
.text, #text, p{  
    color:rgb(131, 146, 143)  
}
```

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(131, 146, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 146, 143) }
```

Border

The CSS property to change the border of an element to XYZ 24.5969, 27.3662, 29.9724 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(131, 146, 143) }
```


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

```
.border{ border-color:rgb(131, 146, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 146, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 146, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 146, 143);  
box-shadow:4px 4px 4px 4px rgb(131, 146,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5969, 27.3662, 29.9724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 146, 143) }
```

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

```
.background{ background-color: rgb(131,  
146, 143) }
```

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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