

Converting Colors

XYZ(19.5119, 15.9577, 27.2342)

Have a look what the booklet for
XYZ(19.5119, 15.9577, 27.2342)
contains.

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Color

**XYZ(19.4919, 15.9768,
27.2558)**

Conversions

Conversions Part 1

Format	Color
Hex	89628D
RGB	137, 98, 141
RGB Percent	54%, 38%, 55%
CMY	0.4627, 0.6157, 0.4471
CMYK	0.03, 0.30, 0.00, 0.45
HSL	294°, 18%, 47%
HSV	294°, 30%, 55%
XYZ	19.4919, 15.9768, 27.2558
YIQ	114.5630, 9.4410, 21.6410

Conversions

Conversions Part 2

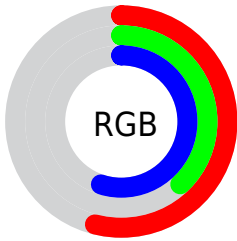
Format	Color
R_{YB}	137, 98, 141
Decimal	9003661
CIE _{Lab}	46.94, 23.54, -17.52
CIE _{LCh}	47, 29.349, 323.343
Yxy	15.9768, 0.3108, 0.2547
Android (android.graphics.Color)	4287193741 (0xFF89628D)
YUV	114.5630, 13.0334, 19.6772
Hunter-Lab	39.9710, 17.0965, -12.4495

Details

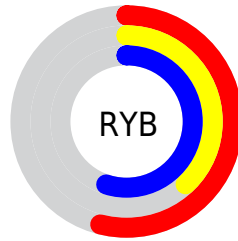
The XYZ color **19.4919, 15.9768, 27.2558** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.2095, 22.7568, 15.0415**, and the grayscale version is **16.1239, 16.9636, 18.4733**.

A 20% lighter version of the original color is **42.0836, 36.5114, 56.4591**, and **6.9099, 5.1014, 10.5180** is the 20% darker color. If you saturate the color by 10%, you get **18.0735, 13.4570, 26.8444**, and if you desaturate by 10%, it is **21.1463, 18.9642, 27.7455**.

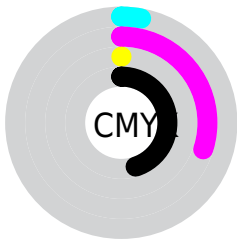
Distribution



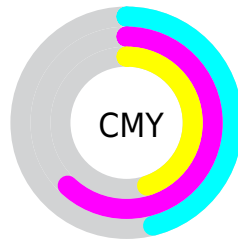
- Red (54%)
- Green (38%)
- Blue (55%)



- Red (54%)
- Yellow (38%)
- Blue (55%)



- Cyan (3%)
- Magenta (30%)
- Yellow (0%)
- Black (45%)



- Cyan (46%)
- Magenta (62%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4919, 15.9768, 27.2558 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 19.4919, 15.9768, 27.2558 by changing the saturation by 10% instead.

■ 19.4919, 15.9768,
27.2558

■ 19.4919, 15.9768,
27.2558

242.0374,
229.2048, 302.6928

■ 12.1324, 9.5077,
17.5313

■ 42.0741, 36.5579,
56.3028

■ 6.9067, 5.0738,
10.4481

■ 58.0275, 51.4388,
76.4624

■ 3.4496, 2.2906,
5.5876

■ 77.5763, 69.8923,
100.9374

■ 1.3958, 0.7687,
2.5313

■ 101.0857, 92.3030,
130.1463

■ 0.2532, 0.0000,
0.8567

128.9212,
119.0552, 164.5078

■ 0.0000, 0.0000,
0.0000

161.4480,

150.5333, 204.4404

199.0316,
187.1217, 250.3625

■ 19.4919, 15.9768,
27.2558

■ 19.4919, 15.9768,
27.2558

■ 18.0735, 13.4570,
26.8444

■ 21.1463, 18.9642,
27.7455

■ 16.8774, 11.3782,
26.5062

■ 23.0466, 22.4397,
28.3161

■ 15.8909, 9.7147,
26.2371

■ 25.2038, 26.4251,
28.9717

■ 15.0991, 8.4368,
26.0322

■ 27.6279, 30.9404,
29.7155

■ 14.4853, 7.5111,
25.8859

■ 30.3282, 36.0043,
30.5506

■ 14.0301, 6.8988,
25.7917

■ 33.3138, 41.6347,
31.4800

■ 13.6925, 6.5033,
25.7331

■ 36.5933, 47.8488,
32.5066

■ 40.1747, 54.6629,
33.6331

■ 44.0659, 62.0927,
34.8621

Harmonies

Analogous

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



17.2231, 15.9768, 33.8383



19.4919, 15.9768, 27.2558



20.6251, 15.9768, 19.0839

Triad

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



19.4919, 15.9768, 27.2558



15.7639, 15.9768, 6.8060



11.0953, 15.9768, 23.6090

Complementary

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



19.4919, 15.9768, 27.2558



17.2095, 22.7568, 15.0415

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.



10.7977, 15.9768, 15.8107



19.4919, 15.9768, 27.2558



13.3153, 15.9768, 7.3889

Square

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



19.4919, 15.9768, 27.2558



18.3217, 15.9768, 8.3525



11.5652, 15.9768, 10.2571



12.4292, 15.9768, 31.3524

Rectangle

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



19.4919, 15.9768, 27.2558



20.5029, 15.9768, 14.3379



11.5652, 15.9768, 10.2571



10.8774, 15.9768, 20.8607

Sweetspot

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



19.4924, 15.9775, 27.2561



41.7488, 41.0620, 50.8532



14.6263, 14.0823, 27.1468



9.2186, 8.9760, 11.3261



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.4924, 15.9775, 27.2561



33.0125, 25.2384, 48.2594



18.9781, 15.8489, 21.0620



5.5775, 5.4859, 6.7937



12.4919, 5.9334, 23.4639



0.1288, 0.0615, 0.2248

Inverse Universe

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



17.7510, 15.3581, 14.5999



29.3907, 23.9602, 21.4839



17.6685, 22.8892, 19.7675



5.4280, 5.4317, 5.7519



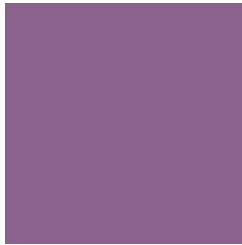
10.0857, 5.1913, 0.8369



0.0997, 0.0509, 0.0250

Previews

White Background



This preview shows how the XYZ color 19.4919, 15.9768, 27.2558 looks on a white 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

Black Background



This preview shows how the XYZ color 19.4919, 15.9768, 27.2558 looks on a black 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

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

XYZ 19.4919, 15.9768, 27.2558

Background



This preview shows how black text looks on a background with the XYZ color 19.4919, 15.9768, 27.2558.



This preview shows how white text looks on a background with the XYZ color 19.4919, 15.9768,

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

19.4919, 15.9768, 27.2558

Protanopia

16.3365, 16.0632, 31.0936

Deuteranopia

16.3132, 15.9895, 26.6526



Tritanopia

17.5478, 16.0570, 17.5037

Trichromacy



Original Color

19.4919, 15.9768, 27.2558

Protanomaly

17.2305, 15.9254, 29.7695

Deuteranomaly

17.3929, 15.9185, 26.9668

Tritanomaly

18.1580, 16.0011, 20.8704

Monochromacy



Original Color

19.4919, 15.9768, 27.2558

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.2751, 16.6035, 21.3631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4919, 15.9768, 27.2558 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(137, 98, 141)` looks like.

```
.text, #text, p{  
    color:rgb(137, 98, 141)  
}
```

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(137, 98, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 98, 141) }
```

Border

The CSS property to change the border of an element to XYZ 19.4919, 15.9768, 27.2558 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(137, 98, 141) }
```


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

```
.border{ border-color:rgb(137, 98, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 98, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 98, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 98, 141);  
box-shadow:4px 4px 4px 4px rgb(137, 98,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4919, 15.9768, 27.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 98, 141) }
```

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

```
.background{ background-color: rgb(137, 98,  
141) }
```

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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