

Converting Colors

XYZ(18.9985, 11.9053, 27.4675)

Have a look what the booklet for
XYZ(18.9985, 11.9053, 27.4675)
contains.

XYZ(19.0041, 11.9459, 27.2908)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.0041, 11.9459,
27.2908)**

Conversions

Conversions Part 1

Format	Color
Hex	94408F
RGB	148, 64, 143
RGB Percent	58%, 25%, 56%
CMY	0.4196, 0.7490, 0.4392
CMYK	0.00, 0.57, 0.03, 0.42
HSL	304°, 40%, 42%
HSV	304°, 57%, 58%
XYZ	19.0041, 11.9459, 27.2908
YIQ	98.1220, 24.7050, 42.3770

Conversions

Conversions Part 2

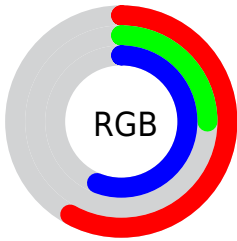
Format	Color
R_{YB}	148, 64, 143
Decimal	9715855
CIE _{Lab}	41.13, 46.12, -27.60
CIE _{LCh}	41, 53.752, 329.104
Yxy	11.9459, 0.3263, 0.2051
Android (android.graphics.Color)	4287905935 (0xFF94408F)
YUV	98.1220, 22.1249, 43.7430
Hunter-Lab	34.5628, 37.6618, -22.6214

Details

The XYZ color **19.0041, 11.9459, 27.2908** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **13.7790, 22.7000, 9.2863**, and the grayscale version is **11.5827, 12.1859, 13.2704**.

A 20% lighter version of the original color is **41.2253, 29.3594, 56.3174**, and **6.6945, 3.2924, 10.4079** is the 20% darker color. If you saturate the color by 10%, you get **18.2112, 10.4663, 26.6986**, and if you desaturate by 10%, it is **20.0198, 13.8698, 27.9601**.

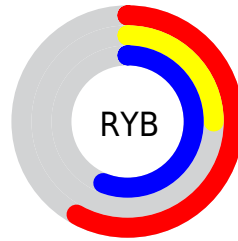
Distribution



Red (58%)

Green (25%)

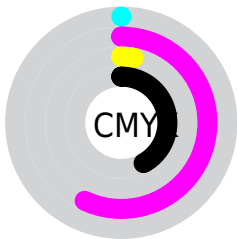
Blue (56%)



Red (58%)

Yellow (25%)

Blue (56%)

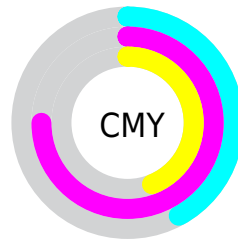


Cyan (0%)

Magenta (57%)

Yellow (3%)

Black (42%)



Cyan (42%)

Magenta (75%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0041, 11.9459, 27.2908 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 19.0041, 11.9459, 27.2908 by changing the saturation by 10% instead.

■ 19.0041, 11.9459,
27.2908

■ 19.0041, 11.9459,
27.2908

239.4091,
204.0468, 302.8670

■ 11.7773, 6.7068,
17.5574

■ 41.2578, 29.3965,
56.3596

■ 6.6633, 3.2795,
10.4665

■ 57.0155, 42.3769,
76.5320

■ 3.2969, 1.2793,
5.5997

■ 76.3474, 58.7065,
101.0211

■ 1.3126, 0.1251,
2.5384

■ 99.6190, 78.7697,
130.2456

■ 0.1927, 0.0000,
0.8604

■ 127.1956,
102.9510, 164.6238

■ 0.0000, 0.0000,
0.0000

159.4426,

131.6347, 204.5745

196.7253,
165.2051, 250.5160

■ 19.0041, 11.9459,
27.2908

■ 19.0041, 11.9459,
27.2908

■ 18.2112, 10.4663,
26.6986

■ 20.0198, 13.8698,
27.9601

■ 17.6220, 9.3935,
26.1767

■ 21.2731, 16.2682,
28.7111

■ 17.2162, 8.6864,
25.7185

■ 22.7789, 19.1709,
29.5488

■ 16.9601, 8.2783,
25.3129

■ 24.5505, 22.6044,
30.4778

■ 16.8870, 8.1656,
25.1851

■ 26.6005, 26.5937,
31.5021

■ 28.9403, 31.1618,
32.6257

■ 31.5810, 36.3309,
33.8522

■ 34.5329, 42.1216,
35.1851

■ 37.8060, 48.5538,
36.6277

Harmonies

Analogous

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



15.3683, 11.9459, 41.8931



19.0041, 11.9459, 27.2908



20.5291, 11.9459, 13.3427

Triad

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



19.0041, 11.9459, 27.2908



11.4708, 11.9459, 1.2201



6.0180, 11.9459, 26.3569

Complementary

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



19.0041, 11.9459, 27.2908



13.7790, 22.7000, 9.2863

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.



5.4244, 11.9459, 12.6771



19.0041, 11.9459, 27.2908



8.1081, 11.9459, 1.8629

Square

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



19.0041, 11.9459, 27.2908



15.6159, 11.9459, 1.9555



6.0945, 11.9459, 4.8507



7.9483, 11.9459, 41.1715

Rectangle

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



19.0041, 11.9459, 27.2908



19.9287, 11.9459, 7.2084



6.0945, 11.9459, 4.8507



5.6780, 11.9459, 21.2952

Sweetspot

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



19.0045, 11.9464, 27.2910



43.1213, 39.5027, 53.6753



9.5772, 7.0417, 28.8718



9.7092, 8.7566, 12.1836



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.0045, 11.9464, 27.2910



31.8284, 17.9078, 46.8564



16.4351, 10.9187, 13.7604



6.0206, 5.9033, 7.2144



14.4276, 6.9761, 21.5305



0.1802, 0.0868, 0.2827

Inverse Universe

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



19.0045, 11.9464, 27.2910



31.8284, 17.9078, 46.8564



15.5302, 23.4005, 18.5079



6.0206, 5.9033, 7.2144



14.4276, 6.9761, 21.5305



0.1802, 0.0868, 0.2827

Previews

White Background



This preview shows how the XYZ color 19.0041, 11.9459, 27.2908 looks on a white background.

Color Contrast Check

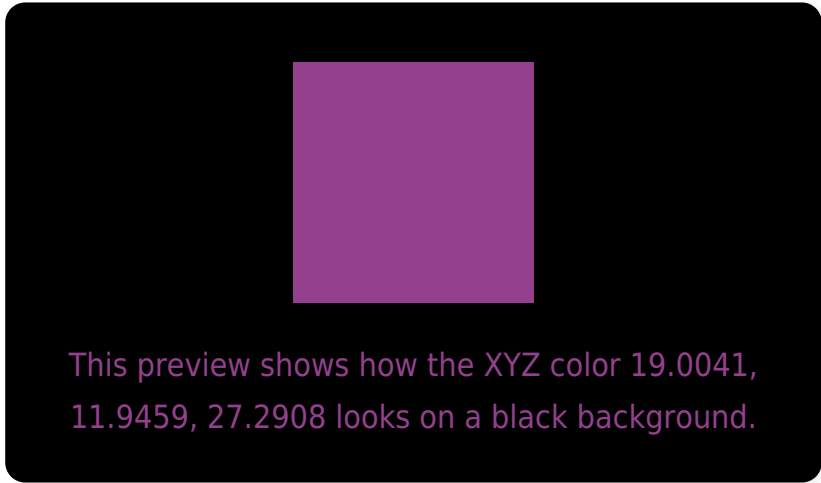
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 19.0041, 11.9459, 27.2908

Background



This preview shows how black text looks on a background with the XYZ color 19.0041, 11.9459, 27.2908.



This preview shows how white text looks on a background with the XYZ color 19.0041, 11.9459,

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

19.0041, 11.9459, 27.2908

Protanopia

13.4623, 12.1767, 39.6710

Deuteranopia

12.3573, 12.1945, 25.3694



Tritanopia

15.4202, 11.9106, 10.0806

Trichromacy



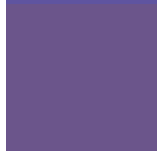
Original Color

19.0041, 11.9459, 27.2908



Protanomaly

14.2348, 11.3116, 34.6908



Deuteranomaly

13.9721, 11.4869, 25.9069



Tritanomaly

16.5519, 11.8675, 15.0539

Monochromacy



Original Color

19.0041, 11.9459, 27.2908



Achromatopsia

11.6093, 12.2139, 13.3009



Achromatomaly

13.5675, 11.5835, 17.4403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0041, 11.9459, 27.2908 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(148, 64, 143)` looks like.

```
.text, #text, p{  
    color:rgb(148, 64, 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(148, 64, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 64, 143) }
```

Border

The CSS property to change the border of an element to XYZ 19.0041, 11.9459, 27.2908 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(148, 64, 143) }
```


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

```
.border{ border-color:rgb(148, 64, 143) }
```

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

Here you see how a box with a 4 pixel rgb(148, 64, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 64, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 64, 143);  
box-shadow:4px 4px 4px 4px rgb(148, 64,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0041, 11.9459, 27.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 64, 143) }
```

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

```
.background{ background-color: rgb(148, 64,  
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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