

Converting Colors

XYZ(19.6025, 19.3870, 27.6166)

Have a look what the booklet for
XYZ(19.6025, 19.3870, 27.6166)
contains.

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Color

**XYZ(19.4988, 19.2981,
27.5081)**

Conversions

Conversions Part 1

Format	Color
Hex	7B778C
RGB	123, 119, 140
RGB Percent	48%, 47%, 55%
CMY	0.5176, 0.5333, 0.4510
CMYK	0.12, 0.15, 0.00, 0.45
HSL	251°, 8%, 51%
HSV	251°, 15%, 55%
XYZ	19.4988, 19.2981, 27.5081
YIQ	122.5900, -4.3570, 7.3790

Conversions

Conversions Part 2

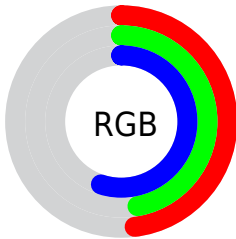
Format	Color
R_{YB}	123, 119, 140
Decimal	8091532
CIE Lab	51.03, 5.95, -10.86
CIE LCh	51, 12.381, 298.721
Yxy	19.2981, 0.2941, 0.2911
Android (android.graphics.Color)	4286281612 (0xFF7B778C)
YUV	122.5900, 8.5831, 0.3596
Hunter-Lab	43.9296, 2.3530, -6.3758

Details

The XYZ color **19.4988, 19.2981, 27.5081** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.8620, 25.3228, 21.1366**, and the grayscale version is **18.6661, 19.6381, 21.3859**.

A 20% lighter version of the original color is **42.2050, 42.2510, 56.9697**, and **6.9227, 6.7005, 10.6013** is the 20% darker color. If you saturate the color by 10%, you get **16.4253, 15.4202, 26.9219**, and if you desaturate by 10%, it is **23.0067, 23.7654, 28.1858**.

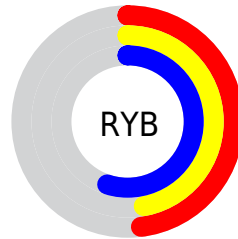
Distribution



Red (48%)

Green (47%)

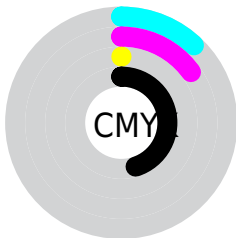
Blue (55%)



Red (48%)

Yellow (47%)

Blue (55%)

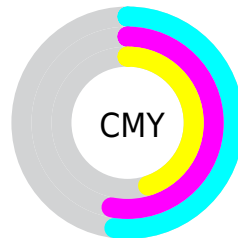


Cyan (12%)

Magenta (15%)

Yellow (0%)

Black (45%)



Cyan (52%)

Magenta (53%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4988, 19.2981, 27.5081 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 19.4988, 19.2981, 27.5081 by changing the saturation by 10% instead.

■ 19.4988, 19.2981,
27.5081

■ 19.4988, 19.2981,
27.5081

242.0744,
248.0895, 303.9465

■ 12.1374, 11.8859,
17.7194

■ 42.0857, 42.2372,
56.7117

■ 6.9102, 6.6660,
10.5814

■ 58.0418, 58.5329,
76.9638

■ 3.4518, 3.2541,
5.6755

■ 77.5936, 78.5585,
101.5406

■ 1.3970, 1.2658,
2.5832

101.1064,
102.6985, 130.8609

■ 0.2541, 0.1145,
0.8838

128.9455,
131.3372, 165.3430

■ 0.0000, 0.0000,
0.0000

161.4763,

164.8590, 205.4057

199.0641,
203.6483, 251.4673

■ 19.4988, 19.2981,
27.5081

■ 19.4988, 19.2981,
27.5081

■ 16.4253, 15.4202,
26.9219

■ 23.0067, 23.7654,
28.1858

■ 13.7673, 12.1044,
26.4220

■ 26.9634, 28.8428,
28.9573

■ 11.5073, 9.3253,
26.0047

■ 31.3847, 34.5530,
29.8264

■ 9.6256, 7.0543,
25.6655

■ 36.2851, 40.9169,
30.7965

■ 8.1010, 5.2600,
25.3995

■ 41.6786, 47.9544,
31.8706

6.9100, 3.9077,
25.2013

47.5785, 55.6845,
33.0517

6.0260, 2.9578,
25.0645

53.9976, 64.1256,
34.3427

5.4155, 2.3578,
24.9809

60.9483, 73.2951,
35.7463

5.1766, 2.1218,
24.9479

68.4425, 83.2102,
37.2651

Harmonies

Analogous

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



18.2897, 19.2981, 28.5123



19.4988, 19.2981, 27.5081



20.4321, 19.2981, 24.7171

Triad

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



19.4988, 19.2981, 27.5081



19.5939, 19.2981, 15.7534



16.0845, 19.2981, 20.8619

Complementary

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



19.4988, 19.2981, 27.5081



22.8620, 25.3228, 21.1366

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.



16.4000, 19.2981, 17.6976



19.4988, 19.2981, 27.5081



18.3950, 19.2981, 14.9585

Square

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



19.4988, 19.2981, 27.5081



20.4887, 19.2981, 17.9316



17.2324, 19.2981, 15.6293



16.3512, 19.2981, 24.4272

Rectangle

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



19.4988, 19.2981, 27.5081



20.7531, 19.2981, 22.3610



17.2324, 19.2981, 15.6293



16.1257, 19.2981, 19.7190

Sweetspot

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



19.4994, 19.2989, 27.5085



41.1658, 42.6718, 49.8098



21.1673, 23.4666, 28.2251



9.3807, 9.6985, 11.4570



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.



19.4994, 19.2989, 27.5085



32.4614, 31.5985, 48.1312



21.0593, 20.1031, 27.5815



4.8578, 4.9351, 6.3024



4.6130, 1.8922, 22.1678



0.0401, 0.0174, 0.1477

Inverse Universe

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



21.8567, 20.5476, 26.1078



37.4528, 34.2436, 45.1136



21.2612, 24.4976, 21.0617



5.1937, 5.1129, 6.1085



12.2824, 6.0231, 14.5232



0.0865, 0.0420, 0.1221

Previews

White Background



This preview shows how the XYZ color 19.4988, 19.2981, 27.5081 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 19.4988, 19.2981, 27.5081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

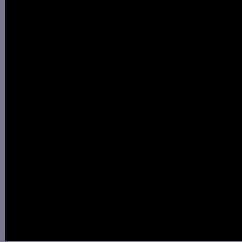
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.4988, 19.2981, 27.5081

Background



This preview shows how black text looks on a background with the XYZ color 19.4988, 19.2981, 27.5081.



This preview shows how white text looks on a background with the XYZ color 19.4988, 19.2981,

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

19.4988, 19.2981, 27.5081

Protanopia

19.1163, 19.4494, 27.9459

Deuteranopia

19.6426, 19.3722, 27.5149



Tritanopia

18.7518, 19.3514, 23.8660

Trichromacy



Original Color

19.4988, 19.2981, 27.5081

Protanomaly

19.2699, 19.3491, 27.9184

Deuteranomaly

19.6426, 19.3722, 27.5149

Tritanomaly

19.0456, 19.2917, 25.2741

Monochromacy



Original Color

19.4988, 19.2981, 27.5081

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.0904, 19.7150, 23.5681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4988, 19.2981, 27.5081 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(123, 119, 140)` looks like.

```
.text, #text, p{  
    color:rgb(123, 119, 140)  
}
```

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(123, 119, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 119, 140) }
```

Border

The CSS property to change the border of an element to XYZ 19.4988, 19.2981, 27.5081 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(123, 119, 140) }
```


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

```
.border{ border-color:rgb(123, 119, 140) }
```

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

Here you see how a box with a 4 pixel rgb(123, 119, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 119, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 119, 140);  
box-shadow:4px 4px 4px 4px rgb(123, 119,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4988, 19.2981, 27.5081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 119, 140) }
```

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

```
.background{ background-color: rgb(123,  
119, 140) }
```

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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