

Converting Colors

XYZ(19.0028, 19.0508, 27.1017)

Have a look what the booklet for
XYZ(19.0028, 19.0508, 27.1017)
contains.

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Color

**XYZ(19.0028, 19.0508,
27.1017)**

Conversions

Conversions Part 1

Format	Color
Hex	78778B
RGB	120, 119, 139
RGB Percent	47%, 47%, 55%
CMY	0.5294, 0.5333, 0.4549
CMYK	0.14, 0.14, 0.00, 0.45
HSL	243°, 8%, 51%
HSV	243°, 14%, 55%
XYZ	19.0028, 19.0508, 27.1017
YIQ	121.5790, -5.8240, 6.4320

Conversions

Conversions Part 2

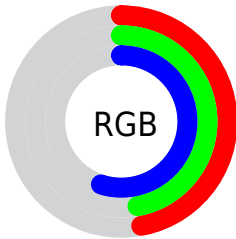
Format	Color
R_{YB}	120, 119, 139
Decimal	7894923
CIE _{Lab}	50.75, 4.67, -10.73
CIE _{LCh}	51, 11.699, 293.511
Yxy	19.0508, 0.2917, 0.2924
Android (android.graphics.Color)	4286085003 (0xFF78778B)
YUV	121.5790, 8.5886, -1.3848
Hunter-Lab	43.6472, 1.3314, -6.2617

Details

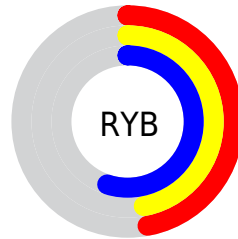
The XYZ color **19.0028, 19.0508, 27.1017** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **23.0442, 25.2008, 21.1033**, and the grayscale version is **18.3364, 19.2913, 21.0082**.

A 20% lighter version of the original color is **41.0906, 41.7022, 55.7528**, and **6.6549, 6.5673, 10.3681** is the 20% darker color. If you saturate the color by 10%, you get **15.7612, 15.1013, 26.5105**, and if you desaturate by 10%, it is **22.7401, 23.6160, 27.7862**.

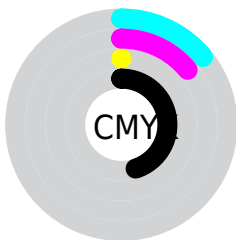
Distribution



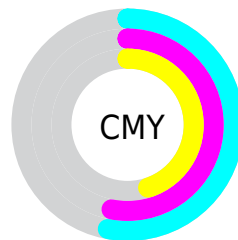
- Red (47%)
- Green (47%)
- Blue (55%)



- Red (47%)
- Yellow (47%)
- Blue (55%)



- Cyan (14%)
- Magenta (14%)
- Yellow (0%)
- Black (45%)



- Cyan (53%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0028, 19.0508, 27.1017 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 19.0028, 19.0508, 27.1017 by changing the saturation by 10% instead.

■ 19.0028, 19.0508,
27.1017

■ 19.0028, 19.0508,
27.1017

239.4020,
246.7291, 301.9249

■ 11.7763, 11.7070,
17.4165

■ 41.2557, 41.8199,
56.0527

■ 6.6627, 6.5445,
10.3668

■ 57.0128, 58.0140,
76.1557

■ 3.2965, 3.1789,
5.5341

■ 76.3441, 77.9270,
100.5682

■ 1.3124, 1.2258,
2.4997

99.6151, 101.9433,
129.7090

■ 0.1925, 0.0827,
0.8400

127.1910,
130.4472, 163.9965

■ 0.0000, 0.0000,
0.0000

159.4372,

163.8232, 203.8493

196.7191,
202.4557, 249.6860

■ 19.0028, 19.0508,
27.1017

■ 19.0028, 19.0508,
27.1017

■ 15.7612, 15.1013,
26.5105

■ 22.7401, 23.6160,
27.7862

■ 12.9929, 11.7390,
26.0074

■ 26.9910, 28.8192,
28.5665

■ 10.6762, 8.9366,
25.5886

■ 31.7744, 34.6845,
29.4465

■ 8.7872, 6.6635,
25.2494

■ 37.1078, 41.2340,
30.4295

■ 7.2996, 4.8865,
24.9848

■ 43.0081, 48.4887,
31.5189

■ 6.1844, 3.5686,
24.7892

■ 49.4913, 56.4690,
32.7175

■ 5.4085, 2.6674,
24.6562

■ 56.5727, 65.1941,
34.0284

■ 4.9316, 2.1297,
24.5775

■ 64.2671, 74.6827,
35.4543

■ 4.7472, 1.9089,
24.5446

■ 72.5889, 84.9528,
36.9981

Harmonies

Analogous

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



17.8587, 19.0508, 27.6851



19.0028, 19.0508, 27.1017



19.9418, 19.0508, 24.7371

Triad

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



19.0028, 19.0508, 27.1017



19.4528, 19.0508, 16.0613



15.9999, 19.0508, 20.0364

Complementary

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



19.0028, 19.0508, 27.1017



23.0442, 25.2008, 21.1033

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.



16.3887, 19.0508, 17.2039



19.0028, 19.0508, 27.1017



18.3580, 19.0508, 15.0709

Square

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



19.0028, 19.0508, 27.1017



20.2092, 19.0508, 18.3203



17.2402, 19.0508, 15.4660



16.1562, 19.0508, 23.3705

Rectangle

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



19.0028, 19.0508, 27.1017



20.3090, 19.0508, 22.5909



17.2402, 19.0508, 15.4660



16.0706, 19.0508, 18.9988

Sweetspot

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



19.0034, 19.0516, 27.1021



40.9380, 42.5544, 49.7991



21.4049, 24.0592, 27.9421



9.3199, 9.6671, 11.4542



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.



19.0034, 19.0516, 27.1021



32.2085, 31.8947, 48.2017



20.4125, 19.7780, 27.1681



4.7963, 4.9034, 6.2995



4.2890, 1.7252, 22.1526



0.0311, 0.0128, 0.1473

Inverse Universe

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



21.8323, 20.5184, 26.8551



38.2061, 35.0047, 47.6629



21.5152, 24.4127, 21.0318



5.2232, 5.1247, 6.2640



13.3741, 6.4598, 20.2723



0.0904, 0.0435, 0.1428

Previews

White Background



This preview shows how the XYZ color 19.0028, 19.0508, 27.1017 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 19.0028, 19.0508, 27.1017 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

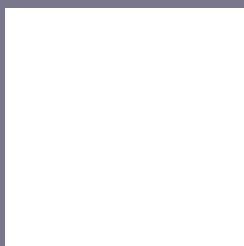
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.0028, 19.0508, 27.1017

Background



This preview shows how black text looks on a background with the XYZ color 19.0028, 19.0508, 27.1017.



This preview shows how white text looks on a background with the XYZ color 19.0028, 19.0508,

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

19.0028, 19.0508, 27.1017

Protanopia

18.7862, 19.1083, 27.5091

Deuteranopia

19.4508, 19.1060, 27.0888



Tritanopia

18.3379, 19.1380, 23.8466

Trichromacy



Original Color

19.0028, 19.0508, 27.1017

Protanomaly

18.9213, 19.1779, 27.5154

Deuteranomaly

19.3070, 19.0319, 27.0820

Tritanomaly

18.5579, 19.0483, 24.8889

Monochromacy



Original Color

19.0028, 19.0508, 27.1017

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.6188, 19.2982, 23.1657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0028, 19.0508, 27.1017 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(120, 119, 139)` looks like.

```
.text, #text, p{  
    color:rgb(120, 119, 139)  
}
```

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(120, 119, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 119, 139) }
```

Border

The CSS property to change the border of an element to XYZ 19.0028, 19.0508, 27.1017 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(120, 119, 139) }
```


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

```
.border{ border-color:rgb(120, 119, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 119, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 119, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 119, 139); box-shadow:4px 4px 4px 4px rgb(120, 119, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0028, 19.0508, 27.1017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 119, 139) }
```

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

```
.background{ background-color: rgb(120,  
119, 139) }
```

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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