

Converting Colors

XYZ(18.9447, 18.9334, 27.4105)

Have a look what the booklet for
XYZ(18.9447, 18.9334, 27.4105)
contains.

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Color

**XYZ(19.0762, 19.0802,
27.4884)**

Conversions

Conversions Part 1

Format	Color
Hex	78778C
RGB	120, 119, 140
RGB Percent	47%, 47%, 55%
CMY	0.5294, 0.5333, 0.4510
CMYK	0.14, 0.15, 0.00, 0.45
HSL	243°, 8%, 51%
HSV	243°, 15%, 55%
XYZ	19.0762, 19.0802, 27.4884
YIQ	121.6930, -6.1450, 6.7430

Conversions

Conversions Part 2

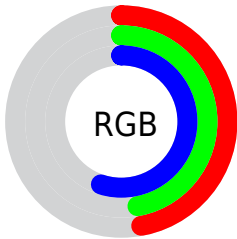
Format	Color
R_{YB}	120, 119, 140
Decimal	7894924
CIE _{Lab}	50.78, 4.90, -11.26
CIE _{LCh}	51, 12.282, 293.489
Yxy	19.0802, 0.2906, 0.2907
Android (android.graphics.Color)	4286085004 (0xFF78778C)
YUV	121.6930, 9.0254, -1.4848
Hunter-Lab	43.6809, 1.5125, -6.7346

Details

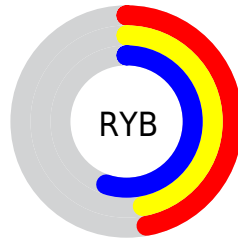
The XYZ color **19.0762, 19.0802, 27.4884** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **23.3560, 25.5776, 21.1597**, and the grayscale version is **18.3721, 19.3289, 21.0492**.

A 20% lighter version of the original color is **41.3138, 41.7915, 56.9280**, and **6.6972, 6.5843, 10.5908** is the 20% darker color. If you saturate the color by 10%, you get **15.8090, 15.1024, 26.8931**, and if you desaturate by 10%, it is **22.8476, 23.6833, 28.1784**.

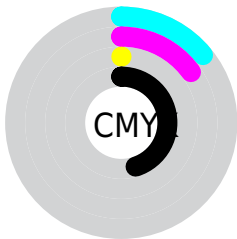
Distribution



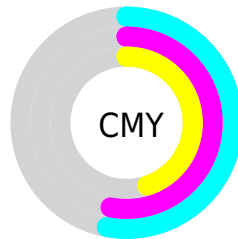
- Red (47%)
- Green (47%)
- Blue (55%)



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



- Cyan (14%)
- Magenta (15%)
- Yellow (0%)
- Black (45%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0762, 19.0802, 27.4884 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 19.0762, 19.0802, 27.4884 by changing the saturation by 10% instead.

■ 19.0762, 19.0802,
27.4884

■ 19.0762, 19.0802,
27.4884

239.7991,
246.8912, 303.8488

■ 11.8297, 11.7282,
17.7047

■ 41.3787, 41.8696,
56.6798

■ 6.6992, 6.5589,
10.5709

■ 57.1654, 58.0758,
76.9246

■ 3.3193, 3.1878,
5.6686

■ 76.5295, 78.0022,
101.4936

■ 1.3248, 1.2306,
2.5791

99.8364, 102.0332,
130.8051

■ 0.2017, 0.0865,
0.8816

127.4515,
130.5532, 165.2779

■ 0.0000, 0.0000,
0.0000

159.7401,

163.9466, 205.3304

197.0675,
202.5978, 251.3812

■ 19.0762, 19.0802,
27.4884

■ 19.0762, 19.0802,
27.4884

■ 15.8090, 15.1024,
26.8931

■ 22.8476, 23.6833,
28.1784

■ 13.0229, 11.7207,
26.3872

■ 27.1414, 28.9345,
28.9657

■ 10.6959, 8.9070,
25.9668

■ 31.9772, 34.8584,
29.8542

■ 8.8031, 6.6302,
25.6271

■ 37.3729, 41.4776,
30.8475

■ 7.3177, 4.8562,
25.3629

■ 43.3457, 48.8138,
31.9487

■ 6.2097, 3.5467,
25.1686

■ 49.9119, 56.8874,
33.1610

■ 5.4450, 2.6583,
25.0374

■ 57.0874, 65.7184,
34.4874

■ 4.9805, 2.1335,
24.9606

■ 64.8873, 75.3257,
35.9307

■ 4.8170, 1.9364,
24.9312

■ 73.3261, 85.7277,
37.4937

Harmonies

Analogous

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



17.8732, 19.0802, 28.1052



19.0762, 19.0802, 27.4884



20.0656, 19.0802, 24.9870

Triad

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



19.0762, 19.0802, 27.4884



19.5517, 19.0802, 15.8767



15.9252, 19.0802, 20.0303

Complementary

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



19.0762, 19.0802, 27.4884



23.3560, 25.5776, 21.1597

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.



16.3326, 19.0802, 17.0653



19.0762, 19.0802, 27.4884



18.3997, 19.0802, 14.8451

Square

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



19.0762, 19.0802, 27.4884



20.3486, 19.0802, 18.2364



17.2256, 19.0802, 15.2548



16.0884, 19.0802, 23.5391

Rectangle

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



19.0762, 19.0802, 27.4884



20.4531, 19.0802, 22.7224



17.2256, 19.0802, 15.2548



15.9993, 19.0802, 18.9423

Sweetspot

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



19.0768, 19.0810, 27.4888



40.9341, 42.5524, 49.7989



21.6181, 24.3681, 28.3754



9.3188, 9.6666, 11.4541



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.



19.0768, 19.0810, 27.4888



31.5876, 31.1480, 48.0903



20.5678, 19.8496, 27.5586



4.7952, 4.9029, 6.2995



4.2850, 1.7231, 22.1524



0.0310, 0.0127, 0.1473

Inverse Universe

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



22.0729, 20.6340, 27.2464



37.9175, 34.4295, 47.5608



21.7314, 24.7400, 21.0836



5.2238, 5.1249, 6.2667



13.3948, 6.4680, 20.3811



0.0905, 0.0436, 0.1431

Previews

White Background



This preview shows how the XYZ color 19.0762, 19.0802, 27.4884 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 19.0762, 19.0802, 27.4884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

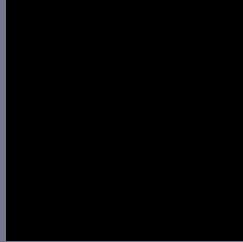
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.0762, 19.0802, 27.4884

Background



This preview shows how black text looks on a background with the XYZ color 19.0762, 19.0802, 27.4884.



This preview shows how white text looks on a background with the XYZ color 19.0762, 19.0802,

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

19.0762, 19.0802, 27.4884

Protanopia

18.8603, 19.1379, 27.8992

Deuteranopia

19.3804, 19.0613, 27.4687



Tritanopia

18.3379, 19.1380, 23.8466

Trichromacy



Original Color

19.0762, 19.0802, 27.4884

Protanomaly

18.9954, 19.2076, 27.9056

Deuteranomaly

19.2381, 18.9879, 27.4620

Tritanomaly

18.6273, 19.0761, 25.2545

Monochromacy



Original Color

19.0762, 19.0802, 27.4884

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.6850, 19.3247, 23.5141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0762, 19.0802, 27.4884 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(120, 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(120, 119, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 119, 140) }
```

Border

The CSS property to change the border of an element to XYZ 19.0762, 19.0802, 27.4884 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, 140) }
```


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

```
.border{ border-color:rgb(120, 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(120, 119, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 119, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 119, 140);  
box-shadow:4px 4px 4px 4px rgb(120, 119,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0762, 19.0802, 27.4884 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, 140) }
```

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

```
.background{ background-color: rgb(120,  
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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