

Converting Colors

XYZ(18.6722, 19.0625, 26.9667)

Have a look what the booklet for
XYZ(18.6722, 19.0625, 26.9667)
contains.

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Color

**XYZ(18.7128, 19.0789,
27.1224)**

Conversions

Conversions Part 1

Format	Color
Hex	75788B
RGB	117, 120, 139
RGB Percent	46%, 47%, 55%
CMY	0.5412, 0.5294, 0.4549
CMYK	0.16, 0.14, 0.00, 0.45
HSL	232°, 9%, 50%
HSV	232°, 16%, 55%
XYZ	18.7128, 19.0789, 27.1224
YIQ	121.2690, -7.8870, 5.2730

Conversions

Conversions Part 2

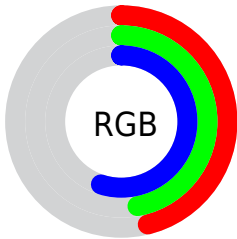
Format	Color
R_{YB}	117, 120, 139
Decimal	7698571
CIE Lab	50.78, 3.03, -10.70
CIE LCh	51, 11.124, 285.810
Yxy	19.0789, 0.2883, 0.2939
Android (android.graphics.Color)	4285888651 (0xFF75788B)
YUV	121.2690, 8.7414, -3.7439
Hunter-Lab	43.6794, 0.0327, -6.2401

Details

The XYZ color **18.7128, 19.0789, 27.1224** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.6627, 24.3817, 20.3418**, and the grayscale version is **18.2358, 19.1855, 20.8930**.

A 20% lighter version of the original color is **40.6291, 41.7458, 55.7855**, and **6.5748, 6.6212, 10.3827** is the 20% darker color. If you saturate the color by 10%, you get **15.6279, 15.4785, 26.5904**, and if you desaturate by 10%, it is **22.2573, 23.1859, 27.7286**.

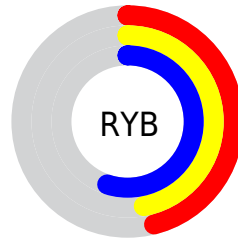
Distribution



Red (46%)

Green (47%)

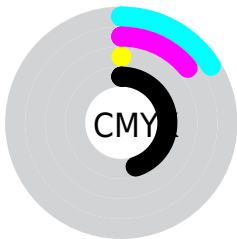
Blue (55%)



Red (46%)

Yellow (47%)

Blue (55%)

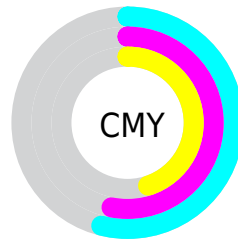


Cyan (16%)

Magenta (14%)

Yellow (0%)

Black (45%)



Cyan (54%)

Magenta (53%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7128, 19.0789, 27.1224 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 18.7128, 19.0789, 27.1224 by changing the saturation by 10% instead.

■ 18.7128, 19.0789,
27.1224

■ 18.7128, 19.0789,
27.1224

237.8273,
246.8840, 302.0282

■ 11.5657, 11.7273,
17.4319

■ 40.7689, 41.8674,
56.0863

■ 6.5188, 6.5583,
10.3777

■ 56.4086, 58.0731,
76.1969

■ 3.2067, 3.1874,
5.5412

■ 75.6098, 77.9989,
100.6179

■ 1.2640, 1.2303,
2.5040

98.7380, 102.0292,
129.7678

■ 0.1560, 0.0863,
0.8423

126.1585,
130.5485, 164.0653

■ 0.0000, 0.0000,
0.0000

158.2367,

163.9412, 203.9288

195.3378,
202.5915, 249.7769

■ 18.7128, 19.0789,
27.1224

■ 18.7128, 19.0789,
27.1224

■ 15.6279, 15.4785,
26.5904

■ 22.2573, 23.1859,
27.7286

■ 12.9818, 12.3627,
26.1284

■ 26.2773, 27.8155,
28.4104

■ 10.7551, 9.7114,
25.7340

■ 30.7902, 32.9864,
29.1706

■ 8.9260, 7.5020,
25.4040

■ 35.8120, 38.7151,
30.0116

■ 7.4707, 5.7103,
25.1348

■ 41.3579, 45.0177,
30.9359

■ 6.3630, 4.3096,
24.9229

■ 47.4426, 51.9097,
31.9455

■ 5.5728, 3.2699,
24.7638

■ 54.0801, 59.4059,
33.0425

■ 5.0589, 2.5536,
24.6526

■ 61.2840, 67.5204,
34.2291

■ 4.8925, 2.3285,
24.6180

■ 69.0672, 76.2672,
35.5072

Harmonies

Analogous

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



17.6234, 19.0789, 27.1751



18.7128, 19.0789, 27.1224



19.6836, 19.0789, 25.2597

Triad

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



18.7128, 19.0789, 27.1224



19.6392, 19.0789, 16.7484



16.1710, 19.0789, 19.3324

Complementary

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



18.7128, 19.0789, 27.1224



22.6627, 24.3817, 20.3418

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.



16.6678, 19.0789, 16.8530



18.7128, 19.0789, 27.1224



18.6542, 19.0789, 15.4659

Square

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



18.7128, 19.0789, 27.1224



20.2330, 19.0789, 19.1760



17.5671, 19.0789, 15.5021



16.1853, 19.0789, 22.4578

Rectangle

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



18.7128, 19.0789, 27.1224



20.1202, 19.0789, 23.3399



17.5671, 19.0789, 15.5021



16.2829, 19.0789, 18.4028

Sweetspot

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



18.7134, 19.0797, 27.1228



40.3465, 42.0850, 49.7397



20.9918, 24.0166, 26.7105



9.1994, 9.5849, 11.4447



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.



18.7134, 19.0797, 27.1228



31.4375, 31.7528, 48.2149



19.4356, 18.9246, 27.0548



4.8261, 4.9952, 6.3157



4.4238, 2.1179, 22.2213



0.0355, 0.0263, 0.1497

Inverse Universe

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



20.3994, 19.5681, 20.4720



35.0611, 32.8342, 33.9141



21.8505, 24.5992, 20.4266



5.0589, 5.0590, 5.3985



9.7197, 4.9980, 1.0285



0.0677, 0.0344, 0.0231

Previews

White Background



This preview shows how the XYZ color 18.7128, 19.0789, 27.1224 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 18.7128, 19.0789, 27.1224 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

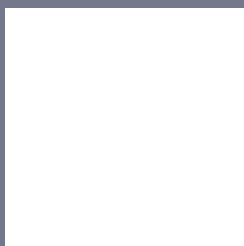
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.7128, 19.0789, 27.1224

Background



This preview shows how black text looks on a background with the XYZ color 18.7128, 19.0789, 27.1224.



This preview shows how white text looks on a background with the XYZ color 18.7128, 19.0789,

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

18.7128, 19.0789, 27.1224

Protanopia

18.8479, 19.1486, 27.1288

Deuteranopia

19.4508, 19.1060, 27.0888



Tritanopia

18.1366, 19.0264, 24.1893

Trichromacy



Original Color

18.7128, 19.0789, 27.1224

Protanomaly

18.8479, 19.1486, 27.1288

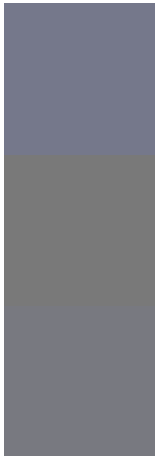
Deuteranomaly

19.1422, 19.1227, 27.1082

Tritanomaly

18.3429, 19.1090, 25.2759

Monochromacy



Original Color

18.7128, 19.0789, 27.1224

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.4794, 19.2263, 23.1592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7128, 19.0789, 27.1224 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(117, 120, 139)` looks like.

```
.text, #text, p{  
    color:rgb(117, 120, 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(117, 120, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 120, 139) }
```

Border

The CSS property to change the border of an element to XYZ 18.7128, 19.0789, 27.1224 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(117, 120, 139) }
```


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

```
.border{ border-color:rgb(117, 120, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 120, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 120, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 120, 139); box-shadow:4px 4px 4px 4px rgb(117, 120, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7128, 19.0789, 27.1224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 120, 139) }
```

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

```
.background{ background-color: rgb(117,  
120, 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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