

Converting Colors

XYZ(17.2185, 19.5549, 26.9124)

Have a look what the booklet for
XYZ(17.2185, 19.5549, 26.9124)
contains.

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Color

**XYZ(17.2138, 19.6104,
26.9227)**

Conversions

Conversions Part 1

Format	Color
Hex	627F8A
RGB	98, 127, 138
RGB Percent	38%, 50%, 54%
CMY	0.6157, 0.5020, 0.4588
CMYK	0.29, 0.08, 0.00, 0.46
HSL	196°, 17%, 46%
HSV	196°, 29%, 54%
XYZ	17.2138, 19.6104, 26.9227
YIQ	119.5830, -20.8150, -2.7270

Conversions

Conversions Part 2

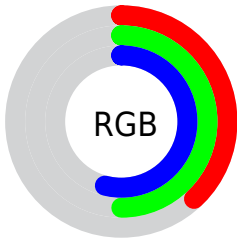
Format	Color
R _Y B	98, 115, 138
Decimal	6455178
CIE Lab	51.39, -7.60, -9.33
CIE LCh	51, 12.038, 230.842
Yxy	19.6104, 0.2700, 0.3076
Android (android.graphics.Color)	4284645258 (0xFF627F8A)
YUV	119.5830, 9.0796, -18.9283
Hunter-Lab	44.2836, -8.1104, -5.0474

Details

The XYZ color **17.2138, 19.6104, 26.9227** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.1547, 17.2225, 13.9231**, and the grayscale version is **17.6968, 18.6184, 20.2754**.

A 20% lighter version of the original color is **38.3029, 42.8881, 55.5497**, and **5.8012, 6.8315, 10.2454** is the 20% darker color. If you saturate the color by 10%, you get **15.3705, 17.9467, 26.6991**, and if you desaturate by 10%, it is **19.3335, 21.4449, 27.1654**.

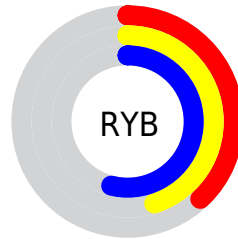
Distribution



Red (38%)

Green (50%)

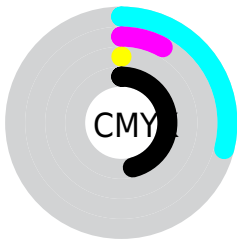
Blue (54%)



Red (38%)

Yellow (45%)

Blue (54%)

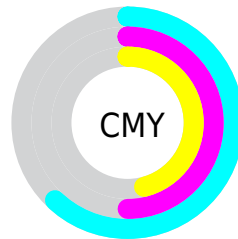


Cyan (29%)

Magenta (8%)

Yellow (0%)

Black (46%)



Cyan (62%)

Magenta (50%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2138, 19.6104, 26.9227 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 17.2138, 19.6104, 26.9227 by changing the saturation by 10% instead.

■ 17.2138, 19.6104,
26.9227

■ 17.2138, 19.6104,
26.9227

229.5337,
249.7981, 301.0310

■ 10.4833, 12.1122,
17.2833

■ 38.2337, 42.7630,
55.7620

■ 5.7853, 6.8201,
10.2726

■ 53.2538, 59.1862,
75.7990

■ 2.7544, 3.3499,
5.4721

■ 71.7678, 79.3531,
100.1389

■ 1.0252, 1.3170,
2.4633

■ 94.1410, 103.6482,
129.2002

■ 0.0000, 0.1543,
0.8206

120.7389,
132.4559, 163.4016

■ 0.0000, 0.0000,
0.0000

151.9267,

166.1605, 203.1614

188.0699,
205.1464, 248.8984

■ 17.2138, 19.6104,
26.9227

■ 17.2138, 19.6104,
26.9227

■ 15.3705, 17.9467,
26.6991

■ 19.3335, 21.4449,
27.1654

■ 13.7885, 16.4444,
26.4925

■ 21.7402, 23.4546,
27.4265

■ 12.4538, 15.0963,
26.3026

■ 24.4462, 25.6466,
27.7069

■ 11.3503, 13.8940,
26.1287

■ 27.4624, 28.0268,
28.0074

■ 10.4600, 12.8277,
25.9698

■ 30.7993, 30.6008,
28.3284

■ 9.7619, 11.8864,
25.8249

■ 34.4668, 33.3741,
28.6704

■ 9.2047, 11.0433,
25.6915

■ 38.4743, 36.3517,
29.0339

■ 9.1501, 10.9601,
25.6784

■ 42.8309, 39.5387,
29.4194

■ 47.5454, 42.9398,
29.8274

Harmonies

Analogous

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



16.5563, 19.6104, 23.8016



17.2138, 19.6104, 26.9227



18.2727, 19.6104, 28.5971

Triad

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



17.2138, 19.6104, 26.9227



21.0217, 19.6104, 22.4262



17.8268, 19.6104, 15.7314

Complementary

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



17.2138, 19.6104, 26.9227



18.1547, 17.2225, 13.9231

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.



19.0104, 19.6104, 15.4479



17.2138, 19.6104, 26.9227



20.8897, 19.6104, 19.0772

Square

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



17.2138, 19.6104, 26.9227



20.4942, 19.6104, 25.8232



20.1410, 19.6104, 16.6088



16.8994, 19.6104, 17.4299

Rectangle

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



17.2138, 19.6104, 26.9227



19.0784, 19.6104, 28.5560



20.1410, 19.6104, 16.6088



18.2066, 19.6104, 15.4752

Sweetspot

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



17.2144, 19.6112, 26.9231



38.2271, 41.2656, 48.3334



16.8683, 21.8710, 17.7069



8.4462, 9.1502, 10.8273



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.2144, 19.6112, 26.9231



28.0932, 32.5516, 47.1856



14.9173, 15.0171, 26.1575



5.0585, 5.4600, 6.3931



8.4017, 10.0738, 23.5473



0.0681, 0.0914, 0.1605

Inverse Universe

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



18.6801, 15.6714, 22.1199



31.1848, 24.6054, 36.9729



20.4926, 21.8983, 14.7024



5.1762, 5.1059, 6.0161



11.7276, 5.8012, 11.6018



0.0841, 0.0410, 0.1097

Previews

White Background



This preview shows how the XYZ color 17.2138, 19.6104, 26.9227 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 17.2138, 19.6104, 26.9227 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

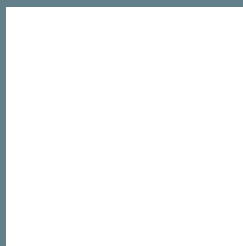
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.2138, 19.6104, 26.9227

Background



This preview shows how black text looks on a background with the XYZ color 17.2138, 19.6104, 26.9227.



This preview shows how white text looks on a background with the XYZ color 17.2138, 19.6104,

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

17.2138, 19.6104, 26.9227

Protanopia

19.0256, 19.4609, 25.3078

Deuteranopia

19.9346, 19.5227, 27.5285



Tritanopia

17.1417, 19.5816, 26.5431

Trichromacy



Original Color

17.2138, 19.6104, 26.9227

Protanomaly

18.2662, 19.4259, 25.7085

Deuteranomaly

18.8222, 19.4962, 27.1972

Tritanomaly

17.1417, 19.5816, 26.5431

Monochromacy



Original Color

17.2138, 19.6104, 26.9227

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.5958, 19.1430, 22.8462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2138, 19.6104, 26.9227 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(98, 127, 138) looks like.

```
.text, #text, p{  
    color:rgb(98, 127, 138)  
}
```

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(98, 127, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 127, 138) }
```

Border

The CSS property to change the border of an element to XYZ 17.2138, 19.6104, 26.9227 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(98, 127, 138) }
```


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

```
.border{ border-color:rgb(98, 127, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 127, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 127, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 127, 138);  
box-shadow:4px 4px 4px 4px rgb(98, 127,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2138, 19.6104, 26.9227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 127, 138) }
```

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

```
.background{ background-color: rgb(98, 127,  
138) }
```

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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