

Converting Colors

XYZ(19.8639, 19.6473, 28.3368)

Have a look what the booklet for
XYZ(19.8639, 19.6473, 28.3368)
contains.

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Color

**XYZ(19.9111, 19.6710,
28.3386)**

Conversions

Conversions Part 1

Format	Color
Hex	7C788E
RGB	124, 120, 142
RGB Percent	49%, 47%, 56%
CMY	0.5137, 0.5294, 0.4431
CMYK	0.13, 0.15, 0.00, 0.44
HSL	251°, 9%, 51%
HSV	251°, 15%, 56%
XYZ	19.9111, 19.6710, 28.3386
YIQ	123.7040, -4.6780, 7.6900

Conversions

Conversions Part 2

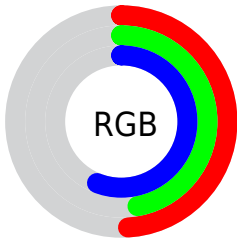
Format	Color
RYB	124, 120, 142
Decimal	8157326
CIELab	51.46, 6.16, -11.38
CIELCh	51, 12.940, 298.448
Yxy	19.6710, 0.2932, 0.2896
Android (android.graphics.Color)	4286347406 (0xFF7C788E)
YUV	123.7040, 9.0199, 0.2596
Hunter-Lab	44.3520, 2.5186, -6.8368

Details

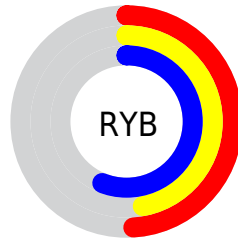
The XYZ color **19.9111, 19.6710, 28.3386** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **23.5451, 26.1058, 21.5682**, and the grayscale version is **19.0323, 20.0234, 21.8055**.

A 20% lighter version of the original color is **42.8478, 42.8377, 58.2347**, and **7.1508, 6.9033, 11.0808** is the 20% darker color. If you saturate the color by 10%, you get **16.7471, 15.6903, 27.7373**, and if you desaturate by 10%, it is **23.5275, 24.2619, 29.0344**.

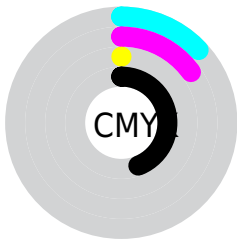
Distribution



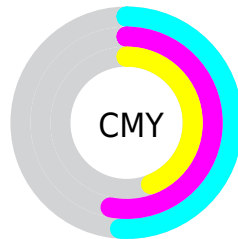
- Red (49%)
- Green (47%)
- Blue (56%)



- Red (49%)
- Yellow (47%)
- Blue (56%)



- Cyan (13%)
- Magenta (15%)
- Yellow (0%)
- Black (44%)



- Cyan (51%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9111, 19.6710, 28.3386 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 19.9111, 19.6710, 28.3386 by changing the saturation by 10% instead.

■ 19.9111, 19.6710,
28.3386

■ 19.9111, 19.6710,
28.3386

244.2762,
250.1284, 308.0440

■ 12.4383, 12.1561,
18.3398

■ 42.7732, 42.8649,
58.0542

■ 7.1173, 6.8501,
11.0223

■ 58.8932, 59.3127,
78.6080

■ 3.5825, 3.3685,
5.9674

■ 78.6263, 79.5069,
103.5173

■ 1.4688, 1.3270,
2.7568

102.3379,
103.8320, 133.2005

■ 0.3044, 0.1620,
0.9719

130.3933,
132.6723, 168.0763

■ 0.0000, 0.0000,
0.0000

163.1580,

166.4122, 208.5631

200.9971,
205.4361, 255.0795

■ 19.9111, 19.6710,
28.3386

■ 19.9111, 19.6710,
28.3386

■ 16.7471, 15.6903,
27.7373

■ 23.5275, 24.2619,
29.0344

■ 14.0157, 12.2917,
27.2253

■ 27.6114, 29.4847,
29.8273

■ 11.6983, 9.4483,
26.7986

■ 32.1794, 35.3631,
30.7212

■ 9.7744, 7.1302,
26.4526

■ 37.2468, 41.9190,
31.7195

■ 8.2214, 5.3048,
26.1821

■ 42.8283, 49.1729,
32.8255

■ 7.0145, 3.9357,
25.9814

■ 48.9378, 57.1448,
34.0422

■ 6.1258, 2.9813,
25.8440

■ 55.5888, 65.8536,
35.3726

■ 5.5186, 2.3841,
25.7608

■ 62.7942, 75.3178,
36.8196

■ 5.3037, 2.1701,
25.7308

■ 70.5666, 85.5549,
38.3860

Harmonies

Analogous

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



18.6292, 19.6710, 29.3885



19.9111, 19.6710, 28.3386



20.9054, 19.6710, 25.3810

Triad

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



19.9111, 19.6710, 28.3386



20.0335, 19.6710, 15.8859



16.3109, 19.6710, 21.2253

Complementary

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



19.9111, 19.6710, 28.3386



23.5451, 26.1058, 21.5682

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.



16.6493, 19.6710, 17.8913



19.9111, 19.6710, 28.3386



18.7644, 19.6710, 15.0377

Square

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



19.9111, 19.6710, 28.3386



20.9784, 19.6710, 18.1904



17.5327, 19.6710, 15.7278



16.5868, 19.6710, 25.0073

Rectangle

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



19.9111, 19.6710, 28.3386



21.2504, 19.6710, 22.8821



17.5327, 19.6710, 15.7278



16.3563, 19.6710, 20.0185

Sweetspot

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



19.9117, 19.6718, 28.3390



41.7517, 43.1190, 51.2501



21.7652, 24.2194, 29.1191



9.2321, 9.5119, 11.4288



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.



19.9117, 19.6718, 28.3390



32.8408, 31.8232, 49.5395



21.5377, 20.5101, 28.4151



5.2154, 5.2992, 6.7767



4.7740, 1.9547, 23.1028



0.0593, 0.0257, 0.2215

Inverse Universe

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



22.4599, 21.0195, 26.9191



38.3358, 34.7308, 46.4140



21.8659, 25.2402, 21.4896



5.5848, 5.4944, 6.5775



12.8623, 6.3019, 15.4580



0.1301, 0.0631, 0.1851

Previews

White Background



This preview shows how the XYZ color 19.9111, 19.6710, 28.3386 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 19.9111, 19.6710, 28.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

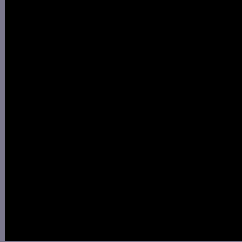
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.9111, 19.6710, 28.3386

Background



This preview shows how black text looks on a background with the XYZ color 19.9111, 19.6710, 28.3386.



This preview shows how white text looks on a background with the XYZ color 19.9111, 19.6710,

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

19.9111, 19.6710, 28.3386

Protanopia

19.5252, 19.8242, 28.7840

Deuteranopia

20.0564, 19.7459, 28.3454



Tritanopia

19.0823, 19.6953, 24.2686

Trichromacy



Original Color

19.9111, 19.6710, 28.3386

Protanomaly

19.6805, 19.7229, 28.7562

Deuteranomaly

20.0564, 19.7459, 28.3454

Tritanomaly

19.3789, 19.6350, 25.6902

Monochromacy



Original Color

19.9111, 19.6710, 28.3386

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.4919, 20.0897, 24.3231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9111, 19.6710, 28.3386 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(124, 120, 142)` looks like.

```
.text, #text, p{  
    color:rgb(124, 120, 142)  
}
```

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(124, 120, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 120, 142) }
```

Border

The CSS property to change the border of an element to XYZ 19.9111, 19.6710, 28.3386 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(124, 120, 142) }
```


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

```
.border{ border-color:rgb(124, 120, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 120, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 120, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 120, 142);  
box-shadow:4px 4px 4px 4px rgb(124, 120,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9111, 19.6710, 28.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 120, 142) }
```

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

```
.background{ background-color: rgb(124,  
120, 142) }
```

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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