

Converting Colors

XYZ(17.4584, 20.7283, 20.4210)

Have a look what the booklet for
XYZ(17.4584, 20.7283, 20.4210)
contains.

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Color

**XYZ(17.3899, 20.6287,
20.5179)**

Conversions

Conversions Part 1

Format	Color
Hex	6A8377
RGB	106, 131, 119
RGB Percent	42%, 51%, 47%
CMY	0.5843, 0.4863, 0.5333
CMYK	0.19, 0.00, 0.09, 0.49
HSL	151°, 11%, 46%
HSV	151°, 19%, 51%
XYZ	17.3899, 20.6287, 20.5179
YIQ	122.1570, -11.0480, -9.0320

Conversions

Conversions Part 2

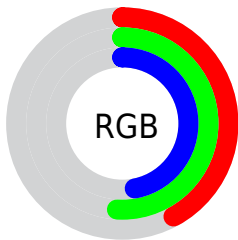
Format	Color
R_{YB}	106, 122, 131
Decimal	6980471
CIE _{Lab}	52.54, -11.58, 3.51
CIE _{LCh}	53, 12.104, 163.137
Yxy	20.6287, 0.2971, 0.3524
Android (android.graphics.Color)	4285170551 (0xFF6A8377)
YUV	122.1570, -1.5564, -14.1697
Hunter-Lab	45.4188, -11.1391, 5.0090

Details

The XYZ color **17.3899, 20.6287, 20.5179** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.7848, 16.4418, 19.3767**, and the grayscale version is **18.5579, 19.5244, 21.2620**.

A 20% lighter version of the original color is **38.5917, 44.4904, 45.0816**, and **5.8995, 7.3891, 7.0765** is the 20% darker color. If you saturate the color by 10%, you get **15.5853, 19.7412, 18.5269**, and if you desaturate by 10%, it is **19.4585, 21.6506, 22.6526**.

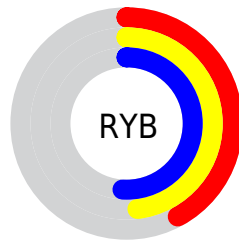
Distribution



Red (42%)

Green (51%)

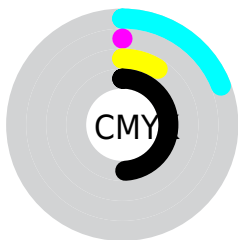
Blue (47%)



Red (42%)

Yellow (48%)

Blue (51%)

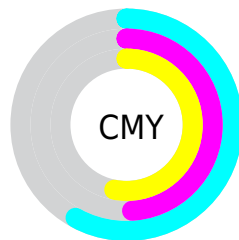


Cyan (19%)

Magenta (0%)

Yellow (9%)

Black (49%)



Cyan (58%)

Magenta (49%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3899, 20.6287, 20.5179 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 17.3899, 20.6287, 20.5179 by changing the saturation by 10% instead.

■ 17.3899, 20.6287,
20.5179

■ 17.3899, 20.6287,
20.5179

230.5220,
255.2986, 267.4016

■ 10.6099, 12.8529,
12.5843

■ 38.5332, 44.4688,
45.1541

■ 5.8705, 7.3273,
7.0156

■ 53.6273, 61.3018,
62.6938

■ 2.8064, 3.6676,
3.3932

■ 72.2234, 81.9227,
84.2725

■ 1.0522, 1.4894,
1.2988

■ 94.6869, 106.7158,
110.3089

■ 0.0000, 0.2813,
0.0608

121.3831,
136.0655, 141.2215

■ 0.0000, 0.0000,
0.0000

152.6775,

170.3563, 177.4287

188.9354,
209.9726, 219.3492

■ 17.3899, 20.6287,
20.5179

■ 17.3899, 20.6287,
20.5179

■ 15.5853, 19.7412,
18.5269

■ 19.4585, 21.6506,
22.6526

■ 14.0317, 18.9796,
16.6753

■ 21.8000, 22.8096,
24.9325

■ 12.7177, 18.3388,
14.9603

■ 24.4248, 24.1117,
27.3610

■ 11.6301, 17.8120,
13.3786

■ 27.3424, 25.5617,
29.9408

■ 10.7545, 17.3919,
11.9268

■ 30.5618, 27.1642,
32.6746

■ 10.0746, 17.0700,
10.6014

■ 34.0916, 28.9236,
35.5649

■ 9.5718, 16.8369,
9.3984

■ 37.9400, 30.8440,
38.6144

■ 9.1963, 16.6670,
8.3125

■ 42.1149, 32.9295,
41.8255

■ 9.1636, 16.6522,
8.2186

■ 46.6241, 35.1840,
45.2005

Harmonies

Analogous

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



18.0049, 20.6287, 17.7918



17.3899, 20.6287, 20.5179



17.3525, 20.6287, 24.0666

Triad

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



17.3899, 20.6287, 20.5179



20.1598, 20.6287, 29.8751



21.4186, 20.6287, 18.0648

Complementary

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



17.3899, 20.6287, 20.5179



17.7848, 16.4418, 19.3767

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.



22.0487, 20.6287, 20.9287



17.3899, 20.6287, 20.5179



21.3013, 20.6287, 27.8834

Square

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



17.3899, 20.6287, 20.5179



18.9161, 20.6287, 29.7348



22.0049, 20.6287, 24.5234



20.3144, 20.6287, 16.4824

Rectangle

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



17.3899, 20.6287, 20.5179



17.6574, 20.6287, 26.4492



22.0049, 20.6287, 24.5234



21.6950, 20.6287, 18.8956

Sweetspot

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



17.3905, 20.6296, 20.5184



36.0283, 39.3552, 41.7397



18.2011, 21.1316, 16.7554



8.3376, 9.1377, 9.6681



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.3905, 20.6296, 20.5184



29.6472, 36.2054, 35.1257



18.1017, 20.8247, 24.5393



4.7099, 5.2422, 5.4834



9.0211, 16.3913, 8.0967



0.0349, 0.0583, 0.0475

Inverse Universe

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



17.7848, 16.4418, 19.3767



30.4917, 27.2385, 32.6814



17.1593, 16.2605, 15.8701



4.7587, 4.7232, 5.3419



10.0949, 5.1023, 5.0723



0.0386, 0.0191, 0.0368

Previews

White Background



This preview shows how the XYZ color 17.3899, 20.6287, 20.5179 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 17.3899, 20.6287, 20.5179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

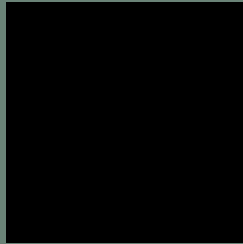
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.3899, 20.6287, 20.5179

Background



This preview shows how black text looks on a background with the XYZ color 17.3899, 20.6287, 20.5179.

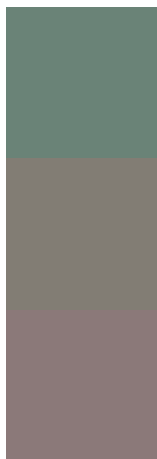


This preview shows how white text looks on a background with the XYZ color 17.3899, 20.6287,

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

17.3899, 20.6287, 20.5179

Protanopia

19.6919, 20.6740, 19.4756

Deuteranopia

20.9360, 20.5442, 20.9511



Tritanopia

18.7370, 20.5883, 27.0312

Trichromacy



Original Color

17.3899, 20.6287, 20.5179

Protanomaly

18.6854, 20.5280, 19.8071

Deuteranomaly

19.4762, 20.5353, 20.7065

Tritanomaly

18.2537, 20.5904, 24.4850

Monochromacy



Original Color

17.3899, 20.6287, 20.5179

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.9873, 19.7607, 20.9553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3899, 20.6287, 20.5179 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(106, 131, 119)` looks like.

```
.text, #text, p{  
    color:rgb(106, 131, 119)  
}
```

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(106, 131, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 131, 119) }
```

Border

The CSS property to change the border of an element to XYZ 17.3899, 20.6287, 20.5179 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(106, 131, 119) }
```


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

```
.border{ border-color:rgb(106, 131, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 131, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 131, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 131, 119);  
box-shadow:4px 4px 4px 4px rgb(106, 131,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3899, 20.6287, 20.5179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 131, 119) }
```

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

```
.background{ background-color: rgb(106,  
131, 119) }
```

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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