

Converting Colors

XYZ(20.0547, 18.5821, 20.2513)

Have a look what the booklet for
XYZ(20.0547, 18.5821, 20.2513)
contains.

XYZ(19.9996, 18.5199, 20.2899)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.9996, 18.5199,
20.2899)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7078
RGB	140, 112, 120
RGB Percent	55%, 44%, 47%
CMY	0.4510, 0.5608, 0.5294
CMYK	0.00, 0.20, 0.14, 0.45
HSL	343°, 11%, 49%
HSV	343°, 20%, 55%
XYZ	19.9996, 18.5199, 20.2899
YIQ	121.2840, 14.1200, 8.4240

Conversions

Conversions Part 2

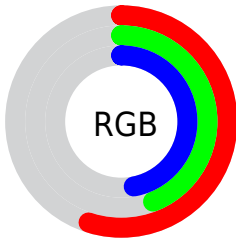
Format	Color
R_{YB}	140, 112, 120
Decimal	9203832
CIE Lab	50.12, 12.39, -0.23
CIE LCh	50, 12.392, 358.914
Yxy	18.5199, 0.3401, 0.3149
Android (android.graphics.Color)	4287393912 (0xFF8C7078)
YUV	121.2840, -0.6330, 16.4139
Hunter-Lab	43.0348, 7.6437, 2.1705

Details

The XYZ color **19.9996, 18.5199, 20.2899** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.2258, 23.8674, 25.3719**, and the grayscale version is **18.2651, 19.2163, 20.9265**.

A 20% lighter version of the original color is **42.9700, 40.9988, 44.6785**, and **7.1229, 6.2585, 6.9635** is the 20% darker color. If you saturate the color by 10%, you get **17.9978, 15.4373, 16.7829**, and if you desaturate by 10%, it is **22.3061, 22.1099, 24.2117**.

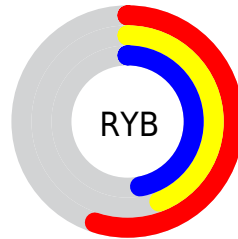
Distribution



Red (55%)

Green (44%)

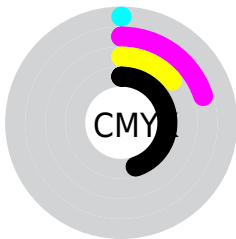
Blue (47%)



Red (55%)

Yellow (44%)

Blue (47%)

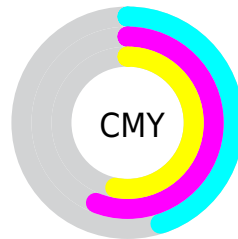


Cyan (0%)

Magenta (20%)

Yellow (14%)

Black (45%)



Cyan (45%)

Magenta (56%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9996, 18.5199, 20.2899 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 19.9996, 18.5199, 20.2899 by changing the saturation by 10% instead.

■ 19.9996, 18.5199,
20.2899

■ 19.9996, 18.5199,
20.2899

244.7466,
243.7854, 266.1362

■ 12.5030, 11.3239,
12.4198

■ 42.9205, 40.9213,
44.7680

■ 7.1619, 6.2851,
6.9042

■ 59.0754, 56.8954,
62.2131

■ 3.6108, 3.0192,
3.3247

■ 78.8473, 76.5643,
83.6870

■ 1.4844, 1.1418,
1.2628

■ 102.6013,
100.3125, 109.6081

■ 0.3152, 0.0134,
0.0310

130.7029,
128.5243, 140.3950

■ 0.0000, 0.0000,
0.0000

163.5174,

161.5841, 176.4663

201.4102,
199.8763, 218.2405

■ 19.9996, 18.5199,
20.2899

■ 19.9996, 18.5199,
20.2899

■ 17.9978, 15.4373,
16.7829

■ 22.3061, 22.1099,
24.2117

■ 16.2861, 12.8368,
13.6756

■ 24.9278, 26.2263,
28.5604

■ 14.8511, 10.6944,
10.9538

■ 27.8769, 30.8901,
33.3489

■ 13.6775, 8.9833,
8.6018

■ 31.1643, 36.1205,
38.5894

■ 12.7488, 7.6738,
6.6029

■ 34.8004, 41.9355,
44.2934

■ 12.0461, 6.7324,
4.9388

■ 38.7951, 48.3528,
50.4721

■ 11.5480, 6.1199,
3.5895

■ 43.1581, 55.3888,
57.1363

■ 11.1982, 5.7287,
2.5223

■ 47.8985, 63.0596,
64.2964

■ 11.1982, 5.7286,
2.5221

■ 53.0253, 71.3807,
71.9626

Harmonies

Analogous

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



19.6432, 18.5199, 23.7545



19.9996, 18.5199, 20.2899



19.6900, 18.5199, 17.1497

Triad

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



19.9996, 18.5199, 20.2899



16.5156, 18.5199, 14.9391



16.4435, 18.5199, 26.3372

Complementary

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



19.9996, 18.5199, 20.2899



20.2258, 23.8674, 25.3719

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.



15.6682, 18.5199, 23.5145



19.9996, 18.5199, 20.2899



15.7085, 18.5199, 16.9567

Square

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



19.9996, 18.5199, 20.2899



17.6462, 18.5199, 14.2789



15.4052, 18.5199, 20.0407



17.5591, 18.5199, 27.4803

Rectangle

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



19.9996, 18.5199, 20.2899



19.1551, 18.5199, 15.6035



15.4052, 18.5199, 20.0407



16.1363, 18.5199, 25.5387

Sweetspot

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



20.0001, 18.5207, 20.2903



41.0485, 41.6778, 45.5635



19.9818, 18.3561, 27.3012



9.4006, 9.5126, 10.4024



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.



20.0001, 18.5207, 20.2903



33.6045, 30.0939, 32.8958



20.1720, 19.6090, 18.0520



5.0878, 5.0706, 5.5509



9.9577, 5.0932, 2.2815



0.0718, 0.0361, 0.0450

Inverse Universe

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



20.0001, 18.5207, 20.2903



33.6045, 30.0939, 32.8958



19.9969, 22.4998, 28.1002



5.0878, 5.0706, 5.5509



9.9577, 5.0932, 2.2815



0.0718, 0.0361, 0.0450

Previews

White Background



This preview shows how the XYZ color 19.9996, 18.5199, 20.2899 looks on a white background.

Color Contrast Check

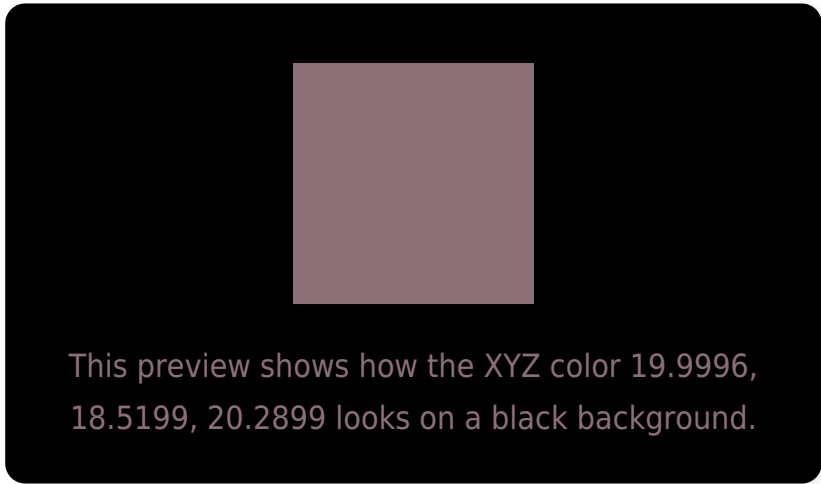
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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

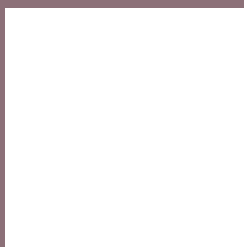
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.9996, 18.5199, 20.2899

Background



This preview shows how black text looks on a background with the XYZ color 19.9996, 18.5199, 20.2899.



This preview shows how white text looks on a background with the XYZ color 19.9996, 18.5199,

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

19.9996, 18.5199, 20.2899

Protanopia

17.9806, 18.6420, 21.7194

Deuteranopia

18.9352, 18.6480, 20.0542



Tritanopia

20.0606, 18.5443, 20.6113

Trichromacy



Original Color

19.9996, 18.5199, 20.2899

Protanomaly

18.5729, 18.4329, 21.3179

Deuteranomaly

19.2920, 18.6617, 20.0380

Tritanomaly

20.0606, 18.5443, 20.6113

Monochromacy



Original Color

19.9996, 18.5199, 20.2899

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.8317, 18.9265, 20.7498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9996, 18.5199, 20.2899 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(140, 112, 120)` looks like.

```
.text, #text, p{  
    color:rgb(140, 112, 120)  
}
```

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(140, 112, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 112, 120) }
```

Border

The CSS property to change the border of an element to XYZ 19.9996, 18.5199, 20.2899 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(140, 112, 120) }
```


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

```
.border{ border-color:rgb(140, 112, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 112, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 112, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 112, 120);  
box-shadow:4px 4px 4px 4px rgb(140, 112,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9996, 18.5199, 20.2899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 112, 120) }
```

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

```
.background{ background-color: rgb(140,  
112, 120) }
```

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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