

Converting Colors

XYZ(20.4934, 19.0139, 20.2103)

Have a look what the booklet for
XYZ(20.4934, 19.0139, 20.2103)
contains.

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Color

**XYZ(20.4506, 18.9171,
20.3428)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7178
RGB	142, 113, 120
RGB Percent	56%, 44%, 47%
CMY	0.4431, 0.5568, 0.5294
CMYK	0.00, 0.20, 0.15, 0.44
HSL	346°, 11%, 50%
HSV	346°, 20%, 56%
XYZ	20.4506, 18.9171, 20.3428
YIQ	122.4690, 15.0370, 8.3250

Conversions

Conversions Part 2

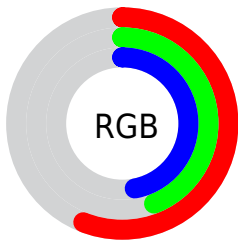
Format	Color
R_{YB}	142, 113, 120
Decimal	9335160
CIE _{Lab}	50.59, 12.59, 0.48
CIE _{LCh}	51, 12.595, 2.162
Yxy	18.9171, 0.3425, 0.3168
Android (android.graphics.Color)	4287525240 (0xFF8E7178)
YUV	122.4690, -1.2172, 17.1287
Hunter-Lab	43.4938, 7.8158, 2.7147

Details

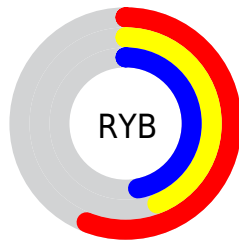
The XYZ color **20.4506, 18.9171, 20.3428** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.8570, 24.6064, 26.5731**, and the grayscale version is **18.6530, 19.6244, 21.3709**.

A 20% lighter version of the original color is **43.6665, 41.6246, 44.7626**, and **7.3744, 6.4726, 6.9916** is the 20% darker color. If you saturate the color by 10%, you get **18.3712, 15.7463, 16.6033**, and if you desaturate by 10%, it is **22.8525, 22.6148, 24.5532**.

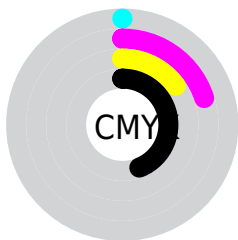
Distribution



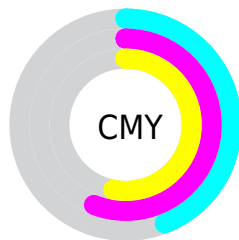
- Red (56%)
- Green (44%)
- Blue (47%)



- Red (56%)
- Yellow (44%)
- Blue (47%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (44%)



- Cyan (44%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4506, 18.9171, 20.3428 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 20.4506, 18.9171, 20.3428 by changing the saturation by 10% instead.

■ 20.4506, 18.9171,
20.3428

■ 20.4506, 18.9171,
20.3428

247.1315,
245.9907, 266.4303

■ 12.8332, 11.6104,
12.4579

■ 43.6696, 41.5940,
44.8577

■ 7.3900, 6.4790,
6.9300

■ 60.0018, 57.7329,
62.3247

■ 3.7556, 3.1385,
3.3406

■ 79.9697, 77.5847,
83.8230

■ 1.5648, 1.2044,
1.2711

■ 103.9386,
101.5338, 109.7709

■ 0.3693, 0.0653,
0.0379

132.2739,
129.9646, 140.5870

■ 0.0000, 0.0000,
0.0000

165.3409,

163.2614, 176.6899

203.5050,
201.8086, 218.4982

■ 20.4506, 18.9171,
20.3428

■ 20.4506, 18.9171,
20.3428

■ 18.3712, 15.7463,
16.6033

■ 22.8525, 22.6148,
24.5532

■ 16.5989, 13.0760,
13.3170

■ 25.5885, 26.8593,
29.2492

■ 15.1191, 10.8811,
10.4667

■ 28.6713, 31.6725,
34.4461

■ 13.9157, 9.1334,
8.0335

■ 32.1127, 37.0745,
40.1583

■ 12.9708, 7.8019,
5.9972

■ 35.9238, 43.0842,
46.3996

■ 12.2643, 6.8513,
4.3359

■ 40.1152, 49.7199,
53.1833

■ 11.7729, 6.2406,
3.0252

■ 44.6973, 56.9989,
60.5220

■ 11.4480, 5.8679,
2.0628

■ 49.6797, 64.9379,
68.4283

■ 55.0721, 73.5531,
76.9140

Harmonies

Analogous

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



20.1554, 18.9171, 23.9279



20.4506, 18.9171, 20.3428



20.0592, 18.9171, 17.1957

Triad

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



20.4506, 18.9171, 20.3428



16.7494, 18.9171, 15.3755



16.8974, 18.9171, 27.1920

Complementary

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



20.4506, 18.9171, 20.3428



20.8570, 24.6064, 26.5731

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.



16.0499, 18.9171, 24.4207



20.4506, 18.9171, 20.3428



15.9673, 18.9171, 17.5915

Square

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



20.4506, 18.9171, 20.3428



17.8910, 18.9171, 14.5391



15.7171, 18.9171, 20.8543



18.0696, 18.9171, 28.1411

Rectangle

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



20.4506, 18.9171, 20.3428



19.4715, 18.9171, 15.6944



15.7171, 18.9171, 20.8543



16.5669, 18.9171, 26.4282

Sweetspot

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



20.4511, 18.9180, 20.3432



42.2971, 42.9735, 46.7477



20.7397, 18.8943, 28.1452



9.3889, 9.5080, 10.3411



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.



20.4511, 18.9180, 20.3432



34.1239, 30.3948, 32.4084



20.8831, 20.4370, 18.4679



5.4589, 5.4441, 5.9147



10.2850, 5.2710, 1.8859



0.1059, 0.0534, 0.0577

Inverse Universe

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



20.4511, 18.9180, 20.3432



34.1239, 30.3948, 32.4084



20.3223, 22.7225, 28.9061



5.4589, 5.4441, 5.9147



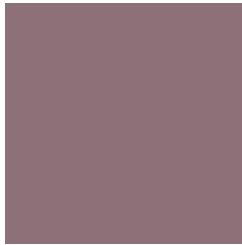
10.2850, 5.2710, 1.8859



0.1059, 0.0534, 0.0577

Previews

White Background



This preview shows how the XYZ color 20.4506, 18.9171, 20.3428 looks on a white background.

Color Contrast Check

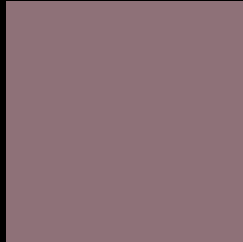
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.4506, 18.9171, 20.3428 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 20.4506, 18.9171, 20.3428

Background



This preview shows how black text looks on a background with the XYZ color 20.4506, 18.9171, 20.3428.



This preview shows how white text looks on a background with the XYZ color 20.4506, 18.9171,

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

20.4506, 18.9171, 20.3428

Protanopia

18.3806, 19.0258, 21.7724

Deuteranopia

19.3639, 19.0410, 20.1075



Tritanopia

20.5733, 18.9662, 20.9889

Trichromacy



Original Color

20.4506, 18.9171, 20.3428

Protanomaly

18.9897, 18.8198, 21.3706

Deuteranomaly

19.7285, 19.0569, 20.0913

Tritanomaly

20.5116, 18.9415, 20.6642

Monochromacy



Original Color

20.4506, 18.9171, 20.3428

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.1013, 19.2413, 20.7963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4506, 18.9171, 20.3428 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(142, 113, 120)` looks like.

```
.text, #text, p{  
    color:rgb(142, 113, 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(142, 113, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 113, 120) }
```

Border

The CSS property to change the border of an element to XYZ 20.4506, 18.9171, 20.3428 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(142, 113, 120) }
```


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

```
.border{ border-color:rgb(142, 113, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 113, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 113, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 113, 120);  
box-shadow:4px 4px 4px 4px rgb(142, 113,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4506, 18.9171, 20.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 113, 120) }
```

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

```
.background{ background-color: rgb(142,  
113, 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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