

Converting Colors

XYZ(22.4400, 18.4187, 20.0548)

Have a look what the booklet for
XYZ(22.4400, 18.4187, 20.0548)
contains.

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Color

**XYZ(22.3410, 18.3257,
20.1290)**

Conversions

Conversions Part 1

Format	Color
Hex	9E6778
RGB	158, 103, 120
RGB Percent	62%, 40%, 47%
CMY	0.3804, 0.5961, 0.5294
CMYK	0.00, 0.35, 0.24, 0.38
HSL	341°, 22%, 51%
HSV	341°, 35%, 62%
XYZ	22.3410, 18.3257, 20.1290
YIQ	121.3830, 27.3230, 16.9470

Conversions

Conversions Part 2

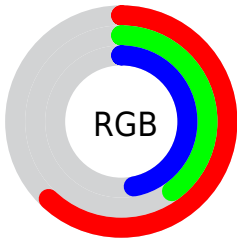
Format	Color
R_{YB}	158, 103, 120
Decimal	10381176
CIE _{Lab}	49.89, 24.57, -0.33
CIE _{LCh}	50, 24.572, 359.226
Yxy	18.3257, 0.3675, 0.3014
Android (android.graphics.Color)	4288571256 (0xFF9E6778)
YUV	121.3830, -0.6818, 32.1131
Hunter-Lab	42.8085, 18.2410, 2.0872

Details

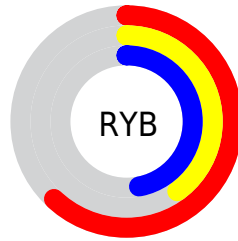
The XYZ color **22.3410, 18.3257, 20.1290** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.6290, 29.2609, 29.6561**, and the grayscale version is **18.2943, 19.2471, 20.9601**.

A 20% lighter version of the original color is **46.8993, 40.7174, 44.4171**, and **8.3616, 6.2035, 6.8876** is the 20% darker color. If you saturate the color by 10%, you get **20.2902, 15.2246, 16.3608**, and if you desaturate by 10%, it is **24.7654, 22.0527, 24.3948**.

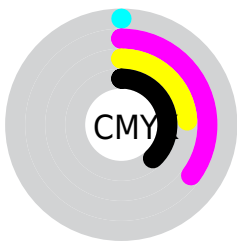
Distribution



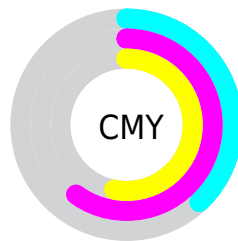
- Red (62%)
- Green (40%)
- Blue (47%)



- Red (62%)
- Yellow (40%)
- Blue (47%)



- Cyan (0%)
- Magenta (35%)
- Yellow (24%)
- Black (38%)



- Cyan (38%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3410, 18.3257, 20.1290 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 22.3410, 18.3257, 20.1290 by changing the saturation by 10% instead.

■ 22.3410, 18.3257,
20.1290

■ 22.3410, 18.3257,
20.1290

256.9209,
242.7005, 265.2399

■ 14.2257, 11.1841,
12.3038

■ 46.7836, 40.5915,
44.4952

■ 8.3605, 6.1908,
6.8259

■ 63.8416, 56.4845,
61.8733

■ 4.3802, 2.9614,
3.2767

■ 84.6113, 76.0634,
83.2727

■ 1.9194, 1.1116,
1.2376

■ 109.4578, 99.7127,
109.1121

■ 0.5881, 0.0000,
0.0098

138.7467,
127.8166, 139.8100

■ 0.0000, 0.0000,
0.0000

172.8433,

160.7596, 175.7849

212.1129,
198.9261, 217.4554

■ 22.3410, 18.3257,
20.1290

■ 22.3410, 18.3257,
20.1290

■ 20.2902, 15.2246,
16.3608

■ 24.7654, 22.0527,
24.3948

■ 18.5921, 12.7122,
13.0703

■ 27.5796, 26.4349,
29.1751

■ 17.2262, 10.7515,
10.2377

■ 30.8009, 31.5028,
34.4869


■ 16.1689, 9.3000,
7.8411


■ 34.4450, 37.2843,
40.3466


■ 15.3936, 8.3091,
5.8568

■ 38.5268, 43.8058,
46.7694


 14.8673, 7.7183,
4.2579

 43.0602, 51.0921,
53.7702

 14.6514, 7.4895,
3.5603

 48.0590, 59.1670,
61.3631

 53.5358, 68.0534,
69.5619

 59.5032, 77.7731,
78.3799

Harmonies

Analogous

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



21.5984, 18.3257, 27.3386



22.3410, 18.3257, 20.1290



21.6689, 18.3257, 14.2759

Triad

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



22.3410, 18.3257, 20.1290



15.3026, 18.3257, 10.6527



15.2057, 18.3257, 33.2738

Complementary

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



22.3410, 18.3257, 20.1290



22.6290, 29.2609, 29.6561

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.



13.7629, 18.3257, 26.9666



22.3410, 18.3257, 20.1290



13.8152, 18.3257, 14.0349

Square

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



22.3410, 18.3257, 20.1290



17.4792, 18.3257, 9.6051



13.2772, 18.3257, 19.7792



17.3570, 18.3257, 35.9022

Rectangle

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



22.3410, 18.3257, 20.1290



20.5406, 18.3257, 11.6667



13.2772, 18.3257, 19.7792



14.6291, 18.3257, 31.4527

Sweetspot

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



22.3415, 18.3266, 20.1294



52.6887, 52.0924, 57.3089



21.9363, 17.7964, 34.6268



11.7063, 11.4734, 12.6353



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.3415, 18.3266, 20.1294



37.5347, 28.6796, 31.0007



22.4639, 20.0782, 15.5246



6.7133, 6.6782, 7.3412



11.7502, 6.0046, 2.9356



0.2278, 0.1145, 0.1459

Inverse Universe

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



22.3415, 18.3266, 20.1294



37.5347, 28.6796, 31.0007



22.3426, 26.5065, 36.2866



6.7133, 6.6782, 7.3412



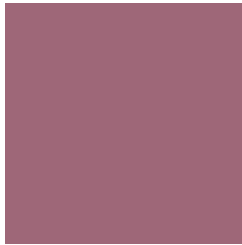
11.7502, 6.0046, 2.9356



0.2278, 0.1145, 0.1459

Previews

White Background



This preview shows how the XYZ color 22.3410, 18.3257, 20.1290 looks on a white 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

Black Background



This preview shows how the XYZ color 22.3410, 18.3257, 20.1290 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 22.3410, 18.3257, 20.1290

Background



This preview shows how black text looks on a background with the XYZ color 22.3410, 18.3257, 20.1290.



This preview shows how white text looks on a background with the XYZ color 22.3410, 18.3257,

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

22.3410, 18.3257, 20.1290

Protanopia

17.9121, 18.3934, 23.3751

Deuteranopia

18.7608, 18.3948, 19.7013



Tritanopia

21.7796, 18.2386, 17.7017

Trichromacy



Original Color

22.3410, 18.3257, 20.1290

Protanomaly

19.3439, 18.3032, 22.2520

Deuteranomaly

19.9987, 18.3635, 19.9432

Tritanomaly

21.9495, 18.3065, 18.5963

Monochromacy



Original Color

22.3410, 18.3257, 20.1290

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.3000, 18.4834, 20.6396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3410, 18.3257, 20.1290 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(158, 103, 120)` looks like.

```
.text, #text, p{  
    color:rgb(158, 103, 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(158, 103, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 103, 120) }
```

Border

The CSS property to change the border of an element to XYZ 22.3410, 18.3257, 20.1290 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(158, 103, 120) }
```


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

```
.border{ border-color:rgb(158, 103, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 103, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 103, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 103, 120);  
box-shadow:4px 4px 4px 4px rgb(158, 103,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3410, 18.3257, 20.1290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 103, 120) }
```

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

```
.background{ background-color: rgb(158,  
103, 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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