

Converting Colors

XYZ(24.4565, 23.4865, 20.4366)

Have a look what the booklet for
XYZ(24.4565, 23.4865, 20.4366)
contains.

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Color

**XYZ(24.3770, 23.4553,
20.3821)**

Conversions

Conversions Part 1

Format	Color
Hex	9B7F76
RGB	155, 127, 118
RGB Percent	61%, 50%, 46%
CMY	0.3922, 0.5019, 0.5373
CMYK	0.00, 0.18, 0.24, 0.39
HSL	15°, 16%, 54%
HSV	15°, 24%, 61%
XYZ	24.3770, 23.4553, 20.3821
YIQ	134.3460, 19.5770, 3.1370

Conversions

Conversions Part 2

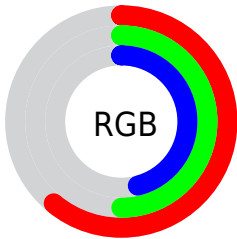
Format	Color
RYB	155, 130, 118
Decimal	10190710
CIELab	55.54, 9.32, 8.93
CIELCh	56, 12.911, 43.782
Yxy	23.4553, 0.3574, 0.3438
Android (android.graphics.Color)	4288380790 (0xFF9B7F76)
YUV	134.3460, -8.0586, 18.1136
Hunter-Lab	48.4307, 5.0922, 8.9492

Details

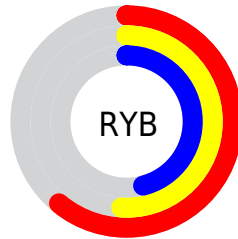
The XYZ color **24.3770, 23.4553, 20.3821** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.6664, 26.7754, 34.9314**, and the grayscale version is **22.8115, 23.9995, 26.1355**.

A 20% lighter version of the original color is **50.1553, 49.2464, 44.8923**, and **9.4234, 8.7745, 6.9913** is the 20% darker color. If you saturate the color by 10%, you get **22.1031, 20.2622, 15.4471**, and if you desaturate by 10%, it is **26.9800, 27.0638, 26.1741**.

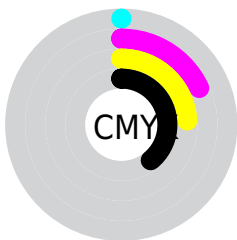
Distribution



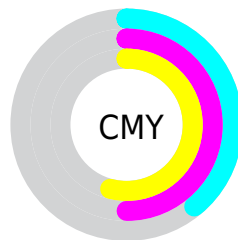
- Red (61%)
- Green (50%)
- Blue (46%)



- Red (61%)
- Yellow (51%)
- Blue (46%)



- Cyan (0%)
- Magenta (18%)
- Yellow (24%)
- Black (39%)





- Cyan (39%)
- Magenta (50%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.3770, 23.4553, 20.3821 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 24.3770, 23.4553, 20.3821 by changing the saturation by 10% instead.


 24.3770, 23.4553,
20.3821


 24.3770, 23.4553,
20.3821


267.1262,
270.0550, 266.6485


 15.7398, 14.9301,
12.4863


 50.0949, 49.1399,
44.9242

 9.4299, 8.7703,
6.9492


 67.9063, 67.0680,
62.4076

 5.0820, 4.5917,
3.3524

 89.5065, 88.8991,
83.9240

 2.3307, 2.0097,
1.2773

115.2608,
115.0178, 109.8918

 0.8103, 0.6131,
0.0430

145.5345,
145.8083, 140.7296

 0.0000, 0.0000,
0.0000

180.6931,

181.6551, 176.8560

221.1019,
222.9425, 218.6894

■ 24.3770, 23.4553,
20.3821

■ 24.3770, 23.4553,
20.3821

■ 22.1031, 20.2622,
15.4471

■ 26.9800, 27.0638,
26.1741

■ 20.1428, 17.4663,
11.3267

■ 29.9227, 31.0987,
32.8599

■ 18.4826, 15.0528,
7.9772

■ 33.2177, 35.5746,
40.4756

■ 17.1067, 13.0046,
5.3500

■ 36.8763, 40.5045,
49.0553

■ 15.9983, 11.3033,
3.3910

■ 40.9094, 45.9007,
58.6311

■ 15.1382, 9.9288,
2.0383

■ 45.3274, 51.7751,
69.2336

■ 14.5044, 8.8589,
1.2183

■ 50.1401, 58.1392,
80.8922

■ 14.2017, 8.3367,
0.8606

■ 55.3573, 65.0042,
93.6351

■ 60.5826, 72.2184,
105.3542

Harmonies

Analogous

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



25.1253, 23.4553, 23.6756



24.3770, 23.4553, 20.3821



23.0848, 23.4553, 18.5864

Triad

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



24.3770, 23.4553, 20.3821



19.7114, 23.4553, 23.3638



22.9673, 23.4553, 34.1462

Complementary

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



24.3770, 23.4553, 20.3821



23.6664, 26.7754, 34.9314

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.



21.5206, 23.4553, 34.0392



24.3770, 23.4553, 20.3821



19.6830, 23.4553, 27.4974

Square

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



24.3770, 23.4553, 20.3821



20.4116, 23.4553, 20.1753



20.3323, 23.4553, 31.4993



24.2877, 23.4553, 31.7774

Rectangle

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



24.3770, 23.4553, 20.3821



22.1094, 23.4553, 18.3433



20.3323, 23.4553, 31.4993



22.4788, 23.4553, 34.4059

Sweetspot

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



24.3776, 23.4564, 20.3826



51.7983, 53.2483, 54.7574



25.2132, 22.0125, 30.2642



11.6597, 11.9640, 12.2468



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.3776, 23.4564, 20.3826



41.2671, 38.6607, 31.2856



26.9337, 28.5685, 21.2346



6.3248, 6.4547, 6.5184



11.4330, 6.7484, 0.7000



0.1960, 0.1510, 0.0188

Inverse Universe

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



23.6664, 26.7754, 34.9314



39.7487, 45.7211, 62.2664



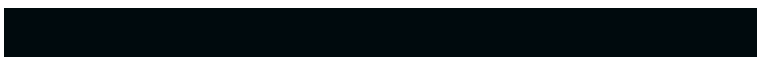
21.0897, 21.6221, 34.0725



6.2572, 6.7718, 7.9063



9.9190, 12.2346, 26.7464



0.1758, 0.2379, 0.4090

Previews

White Background



This preview shows how the XYZ color 24.3770, 23.4553, 20.3821 looks on a white background.

Color Contrast Check

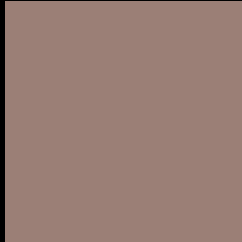
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3770, 23.4553, 20.3821 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 24.3770, 23.4553, 20.3821

Background



This preview shows how black text looks on a background with the XYZ color 24.3770, 23.4553, 20.3821.



This preview shows how white text looks on a background with the XYZ color 24.3770, 23.4553,

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

24.3770, 23.4553, 20.3821

Protanopia

22.3200, 23.5588, 21.4601

Deuteranopia

23.9381, 23.4217, 20.3987



Tritanopia

25.5413, 23.5566, 25.7550

Trichromacy



Original Color

24.3770, 23.4553, 20.3821

Protanomaly

23.0081, 23.5180, 21.0961

Deuteranomaly

24.1261, 23.5187, 20.4075

Tritanomaly

25.0674, 23.5481, 23.6461

Monochromacy



Original Color

24.3770, 23.4553, 20.3821

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.1679, 23.5419, 23.7450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3770, 23.4553, 20.3821 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(155, 127, 118)` looks like.

```
.text, #text, p{  
    color:rgb(155, 127, 118)  
}
```

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(155, 127, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 127, 118) }
```

Border

The CSS property to change the border of an element to XYZ 24.3770, 23.4553, 20.3821 is called "border". The border property can be set on classes, ids or directly on the HTML element.

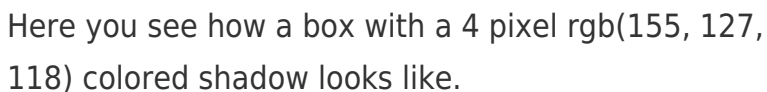
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 127, 118) }
```


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

```
.border{ border-color:rgb(155, 127, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 127, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 127, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 127, 118); box-shadow:4px 4px 4px 4px rgb(155, 127, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3770, 23.4553, 20.3821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 127, 118) }
```

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

```
.background{ background-color: rgb(155,  
127, 118) }
```

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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