

Converting Colors

XYZ(24.6387, 21.5437, 19.2611)

Have a look what the booklet for
XYZ(24.6387, 21.5437, 19.2611)
contains.

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Color

**XYZ(24.7076, 21.6442,
19.3985)**

Conversions

Conversions Part 1

Format	Color
Hex	A47474
RGB	164, 116, 116
RGB Percent	64%, 45%, 45%
CMY	0.3569, 0.5451, 0.5451
CMYK	0.00, 0.29, 0.29, 0.36
HSL	0°, 21%, 55%
HSV	0°, 29%, 64%
XYZ	24.7076, 21.6442, 19.3985
YIQ	130.3520, 28.6080, 10.1760

Conversions

Conversions Part 2

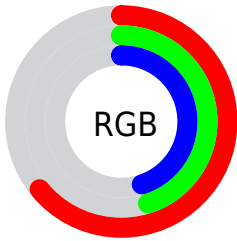
Format	Color
RYB	164, 116, 116
Decimal	10777716
CIELab	53.65, 18.90, 7.54
CIElCh	54, 20.351, 21.758
Yxy	21.6442, 0.3758, 0.3292
Android (android.graphics.Color)	4288967796 (0xFFA47474)
YUV	130.3520, -7.0755, 29.5093
Hunter-Lab	46.5233, 13.3819, 7.8446

Details

The XYZ color **24.7076, 21.6442, 19.3985** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.1784, 32.9433, 40.0483**, and the grayscale version is **21.3604, 22.4728, 24.4729**.

A 20% lighter version of the original color is **50.5857, 46.0481, 43.2678**, and **9.6061, 7.8112, 6.4703** is the 20% darker color. If you saturate the color by 10%, you get **22.1102, 17.8437, 14.2344**, and if you desaturate by 10%, it is **27.8083, 26.1815, 25.5618**.

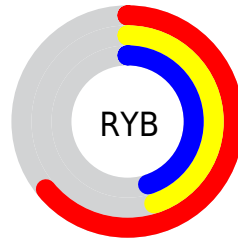
Distribution



Red (64%)

Green (45%)

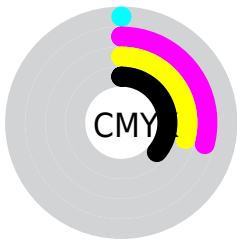
Blue (45%)



Red (64%)

Yellow (45%)

Blue (45%)

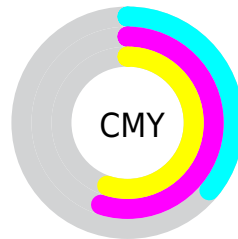


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (36%)



Cyan (36%)

Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7076, 21.6442, 19.3985 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 24.7076, 21.6442, 19.3985 by changing the saturation by 10% instead.

■ 24.7076, 21.6442,
19.3985

■ 24.7076, 21.6442,
19.3985

268.7532,
260.6825, 261.1356

■ 15.9869, 13.5957,
11.7789

■ 50.6288, 46.1572,
43.2520

■ 9.6057, 7.8400,
6.4726

■ 68.5600, 63.3905,
60.3230

■ 5.1986, 3.9927,
3.0611

■ 90.2921, 84.4543,
81.3815

■ 2.4002, 1.6695,
1.1259

■ 116.1904,
109.7328, 106.8460

■ 0.8452, 0.4038,
0.0000

146.6203,
139.6104, 137.1352

■ 0.0000, 0.0000,
0.0000

181.9472,

174.4717, 172.6674

222.5364,
214.7009, 213.8614

■ 24.7076, 21.6442,
19.3985

■ 24.7076, 21.6442,
19.3985

■ 22.1102, 17.8437,
14.2344

■ 27.8083, 26.1815,
25.5618

■ 19.9880, 14.7383,
10.0156

■ 31.4349, 31.4884,
32.7716

■ 18.3128, 12.2868,
6.6853

■ 35.6111, 37.5993,
41.0737

■ 17.0524, 10.4426,
4.1800

■ 40.3583, 44.5457,
50.5111

■ 16.1709, 9.1526,
2.4278

■ 45.6968, 52.3574,
61.1242

■ 15.6259, 8.3550,
1.3444

■ 51.6461, 61.0628,
72.9514

■ 15.3296, 7.9215,
0.7555

■ 58.2246, 70.6889,
86.0296

■ 15.3100, 7.8928,
0.7165

■ 65.4500, 81.2615,
100.3939

■ 69.1199, 86.6325,
107.6865

Harmonies

Analogous

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



24.9967, 21.6442, 25.3266



24.7076, 21.6442, 19.3985



23.2720, 21.6442, 15.3533

Triad

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



24.7076, 21.6442, 19.3985



17.4581, 21.6442, 16.9011



19.9782, 21.6442, 37.5250

Complementary

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



24.7076, 21.6442, 19.3985



27.1784, 32.9433, 40.0483

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.



18.0897, 21.6442, 34.2856



24.7076, 21.6442, 19.3985



16.7032, 21.6442, 21.8906

Square

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



24.7076, 21.6442, 19.3985



19.0600, 21.6442, 14.0983



16.9260, 21.6442, 28.2933



22.1623, 21.6442, 36.5386

Rectangle

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



24.7076, 21.6442, 19.3985



21.9098, 21.6442, 13.9205



16.9260, 21.6442, 28.2933



19.2901, 21.6442, 36.8765

Sweetspot

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



24.7082, 21.6452, 19.3989



57.1294, 57.2587, 59.6245



28.2562, 23.0639, 38.0846



12.2766, 12.2062, 12.6116



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.7082, 21.6452, 19.3989



41.7337, 34.7304, 29.0183



27.8405, 27.9098, 20.4430



7.0738, 7.0860, 7.3750



11.7389, 6.0518, 0.5494



0.2467, 0.1272, 0.0115

Inverse Universe

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



27.1784, 32.9433, 40.0483



46.9450, 58.5660, 72.5824



23.2816, 25.1497, 38.7494



7.2761, 8.0112, 9.0659



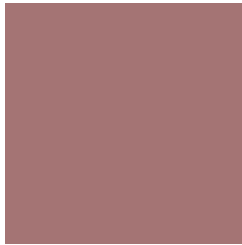
15.3154, 22.4101, 30.4482



0.3218, 0.4709, 0.6398

Previews

White Background



This preview shows how the XYZ color 24.7076, 21.6442, 19.3985 looks on a white background.

Color Contrast Check

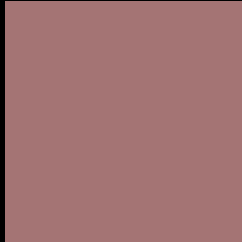
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7076, 21.6442, 19.3985 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 24.7076, 21.6442, 19.3985

Background



This preview shows how black text looks on a background with the XYZ color 24.7076, 21.6442, 19.3985.



This preview shows how white text looks on a background with the XYZ color 24.7076, 21.6442,

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

24.7076, 21.6442, 19.3985

Protanopia

20.7477, 21.7490, 21.5168

Deuteranopia

22.1562, 21.7641, 19.2528



Tritanopia

25.2859, 21.7160, 21.9277

Trichromacy



Original Color

24.7076, 21.6442, 19.3985

Protanomaly

22.0994, 21.7007, 20.7932

Deuteranomaly

23.0688, 21.6849, 19.1894

Tritanomaly

25.0990, 21.6413, 20.9435

Monochromacy



Original Color

24.7076, 21.6442, 19.3985

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.1906, 21.8987, 22.4593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7076, 21.6442, 19.3985 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(164, 116, 116)` looks like.

```
.text, #text, p{  
    color:rgb(164, 116, 116)  
}
```

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(164, 116, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 116, 116) }
```

Border

The CSS property to change the border of an element to XYZ 24.7076, 21.6442, 19.3985 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(164, 116, 116) }
```


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

```
.border{ border-color:rgb(164, 116, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 116, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 116, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 116, 116);  
box-shadow:4px 4px 4px 4px rgb(164, 116,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7076, 21.6442, 19.3985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 116, 116) }
```

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

```
.background{ background-color: rgb(164,  
116, 116) }
```

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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