

Converting Colors

XYZ(23.6074, 22.0441, 22.2485)

Have a look what the booklet for
XYZ(23.6074, 22.0441, 22.2485)
contains.

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Color

**XYZ(23.6101, 22.0751,
22.4186)**

Conversions

Conversions Part 1

Format	Color
Hex	987A7D
RGB	152, 122, 125
RGB Percent	60%, 48%, 49%
CMY	0.4039, 0.5216, 0.5098
CMYK	0.00, 0.20, 0.18, 0.40
HSL	354°, 13%, 54%
HSV	354°, 20%, 60%
XYZ	23.6101, 22.0751, 22.4186
YIQ	131.3120, 16.9170, 7.2930

Conversions

Conversions Part 2

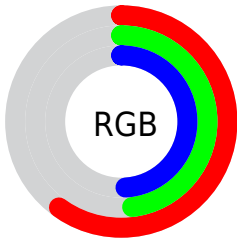
Format	Color
R_{YB}	152, 122, 125
Decimal	9992829
CIE _{Lab}	54.11, 12.13, 2.77
CIE _{LCh}	54, 12.439, 12.888
Yxy	22.0751, 0.3467, 0.3241
Android (android.graphics.Color)	4288182909 (0xFF987A7D)
YUV	131.3120, -3.1118, 18.1434
Hunter-Lab	46.9841, 7.4761, 4.5985

Details

The XYZ color **23.6101, 22.0751, 22.4186** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.6799, 28.7645, 32.6864**, and the grayscale version is **21.6920, 22.8216, 24.8528**.

A 20% lighter version of the original color is **48.9041, 46.7519, 48.5660**, and **9.0539, 8.0536, 7.9148** is the 20% darker color. If you saturate the color by 10%, you get **21.0731, 18.3047, 17.5539**, and if you desaturate by 10%, it is **26.5606, 26.4795, 28.0157**.

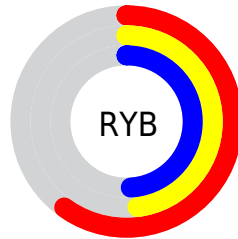
Distribution



Red (60%)

Green (48%)

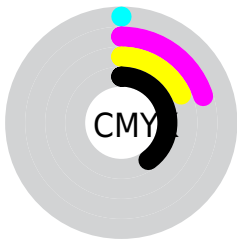
Blue (49%)



Red (60%)

Yellow (48%)

Blue (49%)

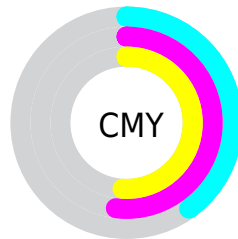


Cyan (0%)

Magenta (20%)

Yellow (18%)

Black (40%)



Cyan (40%)

Magenta (52%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6101, 22.0751, 22.4186 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 23.6101, 22.0751, 22.4186 by changing the saturation by 10% instead.

■ 23.6101, 22.0751,
22.4186

■ 23.6101, 22.0751,
22.4186

263.3205,
262.9382, 277.7491

■ 15.1678, 13.9121,
13.9636

■ 48.8525, 46.8701,
48.3479

■ 9.0243, 8.0595,
7.9569

■ 66.3833, 64.2709,
66.6593

■ 4.8143, 4.1331,
3.9800

■ 87.6744, 85.5197,
89.0931

■ 2.1723, 1.7483,
1.6144

113.0910,
111.0009, 116.0680

■ 0.7281, 0.4546,
0.3010

142.9986,
141.0990, 148.0025

■ 0.0000, 0.0000,
0.0000

177.7625,

176.1983, 185.3152

217.7480,
216.6833, 228.4245

■ 23.6101, 22.0751,
22.4186

■ 23.6101, 22.0751,
22.4186

■ 21.0731, 18.3047,
17.5539

■ 26.5606, 26.4795,
28.0157

■ 18.9295, 15.1363,
13.3899

■ 29.9402, 31.5421,
34.3723

■ 17.1599, 12.5395,
9.8947

■ 33.7656, 37.2894,
41.5158

■ 15.7429, 10.4804,
7.0333

■ 38.0524, 43.7457,
49.4719

■ 14.6546, 8.9211,
4.7677

■ 42.8151, 50.9339,
58.2651

■ 13.8683, 7.8190,
3.0555

■ 48.0679, 58.8759,
67.9189

■ 13.3531, 7.1243,
1.8489

■ 53.8241, 67.5930,
78.4557

■ 13.0436, 6.7203,
1.0825

■ 60.0968, 77.1053,
89.8972

■ 13.0366, 6.7105,
1.0672

■ 65.6728, 84.9810,
101.8560

Harmonies

Analogous

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



23.5567, 22.0751, 26.2861



23.6101, 22.0751, 22.4186



22.9379, 22.0751, 19.3314

Triad

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



23.6101, 22.0751, 22.4186



19.2673, 22.0751, 18.9989



20.2286, 22.0751, 31.8482

Complementary

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



23.6101, 22.0751, 22.4186



24.6799, 28.7645, 32.6864

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.



19.1401, 22.0751, 29.4480



23.6101, 22.0751, 22.4186



18.6016, 22.0751, 21.9182

Square

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



23.6101, 22.0751, 22.4186



20.4091, 22.0751, 17.5040



18.5560, 22.0751, 25.7294



21.5650, 22.0751, 32.0193

Rectangle

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



23.6101, 22.0751, 22.4186



22.1848, 22.0751, 18.0176



18.5560, 22.0751, 25.7294



19.8230, 22.0751, 31.2645

Sweetspot

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



23.6107, 22.0761, 22.4191



48.9510, 49.8350, 53.3522



25.0221, 22.5766, 32.7449



11.0484, 11.2109, 11.9803



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.6107, 22.0761, 22.4191



39.4666, 35.6802, 35.3502



24.9875, 25.1315, 21.9474



6.2326, 6.2322, 6.6052



10.9368, 5.6289, 0.9260



0.1693, 0.0865, 0.0444

Inverse Universe

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



23.6107, 22.0761, 22.4191



39.4666, 35.6802, 35.3502



23.0724, 25.1615, 33.3466



6.2326, 6.2322, 6.6052



10.9368, 5.6289, 0.9260



0.1693, 0.0865, 0.0444

Previews

White Background



This preview shows how the XYZ color 23.6101, 22.0751, 22.4186 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 23.6101, 22.0751, 22.4186 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 23.6101, 22.0751, 22.4186

Background



This preview shows how black text looks on a background with the XYZ color 23.6101, 22.0751, 22.4186.



This preview shows how white text looks on a background with the XYZ color 23.6101, 22.0751,

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

23.6101, 22.0751, 22.4186

Protanopia

21.3284, 22.1910, 23.9280

Deuteranopia

22.4733, 22.0518, 22.1407



Tritanopia

24.0710, 22.0857, 24.4670

Trichromacy



Original Color

23.6101, 22.0751, 22.4186

Protanomaly

22.0046, 21.9692, 23.5028

Deuteranomaly

22.8784, 22.0736, 22.1236

Tritanomaly

23.9367, 22.0320, 23.7599

Monochromacy



Original Color

23.6101, 22.0751, 22.4186

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.3291, 22.5123, 23.9373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6101, 22.0751, 22.4186 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(152, 122, 125)` looks like.

```
.text, #text, p{  
    color:rgb(152, 122, 125)  
}
```

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(152, 122, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 122, 125) }
```

Border

The CSS property to change the border of an element to XYZ 23.6101, 22.0751, 22.4186 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(152, 122, 125) }
```


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

```
.border{ border-color:rgb(152, 122, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 122, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 122, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 122, 125);  
box-shadow:4px 4px 4px 4px rgb(152, 122,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6101, 22.0751, 22.4186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 122, 125) }
```

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

```
.background{ background-color: rgb(152,  
122, 125) }
```

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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