

Converting Colors

XYZ(22.5879, 19.2055, 24.6524)

Have a look what the booklet for
XYZ(22.5879, 19.2055, 24.6524)
contains.

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Color

**XYZ(22.6512, 19.3061,
24.7229)**

Conversions

Conversions Part 1

Format	Color
Hex	986D85
RGB	152, 109, 133
RGB Percent	60%, 43%, 52%
CMY	0.4039, 0.5725, 0.4784
CMYK	0.00, 0.28, 0.13, 0.40
HSL	327°, 17%, 51%
HSV	327°, 28%, 60%
XYZ	22.6512, 19.3061, 24.7229
YIQ	124.5930, 17.9240, 16.5800

Conversions

Conversions Part 2

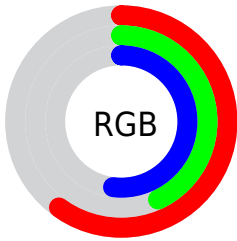
Format	Color
R_{YB}	152, 109, 133
Decimal	9989509
CIE _{Lab}	51.04, 21.01, -6.42
CIE _{LCh}	51, 21.974, 343.007
Yxy	19.3061, 0.3397, 0.2895
Android (android.graphics.Color)	4288179589 (0xFF986D85)
YUV	124.5930, 4.1447, 24.0359
Hunter-Lab	43.9387, 15.1272, -2.6035

Details

The XYZ color **22.6512, 19.3061, 24.7229** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.4320, 27.2668, 24.5568**, and the grayscale version is **19.3391, 20.3462, 22.1571**.

A 20% lighter version of the original color is **47.3399, 42.3003, 52.1241**, and **8.5245, 6.6869, 9.2289** is the 20% darker color. If you saturate the color by 10%, you get **20.7186, 16.1597, 21.8620**, and if you desaturate by 10%, it is **24.8951, 23.0270, 27.8344**.

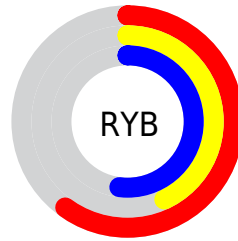
Distribution



Red (60%)

Green (43%)

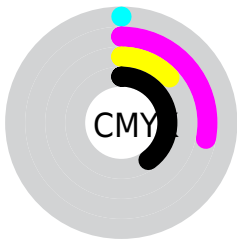
Blue (52%)



Red (60%)

Yellow (43%)

Blue (52%)

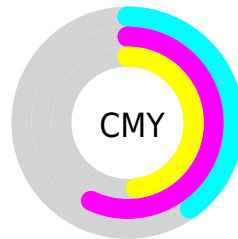


Cyan (0%)

Magenta (28%)

Yellow (13%)

Black (40%)



Cyan (40%)


Magenta (57%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.6512, 19.3061, 24.7229 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 22.6512, 19.3061, 24.7229 by changing the saturation by 10% instead.


 22.6512, 19.3061,
24.7229


 22.6512, 19.3061,
24.7229


258.4973,
248.1334, 289.8585

 14.4554, 11.8917,
15.6536


 47.2908, 42.2507,
52.1659


 8.5219, 6.6700,
9.1277


 64.4654, 58.5497,
71.3766

 4.4853, 3.2566,
4.7266


 85.3637, 78.5789,
94.8049

 1.9802, 1.2671,
2.0318

 110.3510,
102.7229, 122.8693

 0.6228, 0.1155,
0.5748

139.7926,
131.3659, 155.9883

 0.0000, 0.0000,
0.0000

174.0540,

164.8924, 194.5805

213.5004,
203.6868, 239.0644

■ 22.6512, 19.3061,
24.7229

■ 22.6512, 19.3061,
24.7229

■ 20.7186, 16.1597,
21.8620

■ 24.8951, 23.0270,
27.8344

■ 19.0805, 13.5560,
19.2428

■ 27.4624, 27.3467,
31.2026

■ 17.7212, 11.4642,
16.8575

■ 30.3668, 32.2914,
34.8348

■ 16.6228, 9.8494,
14.6971

■ 33.6207, 37.8849,
38.7377

■ 15.7651, 8.6722,
12.7521

■ 37.2356, 44.1497,
42.9175

■ 15.1247, 7.8867,
11.0115

■ 41.2227, 51.1074,
47.3803

■ 14.6564, 7.4036,
9.4571

■ 45.5926, 58.7785,
52.1322

■ 14.5821, 7.3287,
9.2056

■ 50.3556, 67.1825,
57.1786

■ 55.5215, 76.3385,
62.5253

Harmonies

Analogous

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



21.3557, 19.3061, 31.0628



22.6512, 19.3061, 24.7229



22.7380, 19.3061, 18.4367

Triad

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



22.6512, 19.3061, 24.7229



17.4238, 19.3061, 11.3704



15.4559, 19.3061, 30.3041

Complementary

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



22.6512, 19.3061, 24.7229



21.4320, 27.2668, 24.5568

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.



14.5661, 19.3061, 23.8363



22.6512, 19.3061, 24.7229



15.6402, 19.3061, 13.4167

Square

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



22.6512, 19.3061, 24.7229



19.6006, 19.3061, 11.5143



14.6308, 19.3061, 17.7085



17.1535, 19.3061, 34.6964

Rectangle

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



22.6512, 19.3061, 24.7229



22.0888, 19.3061, 15.1435



14.6308, 19.3061, 17.7085



15.0586, 19.3061, 28.2511

Sweetspot

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



22.6518, 19.3070, 24.7233



48.5370, 48.3770, 55.1566



19.9840, 17.7660, 32.0821



10.8775, 10.7344, 12.3383



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.



22.6518, 19.3070, 24.7233



37.7456, 30.4239, 40.3694



21.3355, 18.7805, 17.7918



6.3458, 6.2775, 7.2013



12.2424, 6.1512, 7.8015



0.2013, 0.0993, 0.2129

Inverse Universe

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



22.6518, 19.3070, 24.7233



37.7456, 30.4239, 40.3694



22.9710, 27.8824, 32.6612



6.3458, 6.2775, 7.2013



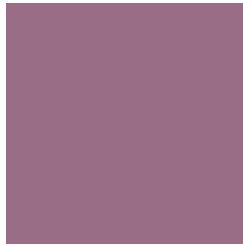
12.2424, 6.1512, 7.8015



0.2013, 0.0993, 0.2129

Previews

White Background



This preview shows how the XYZ color 22.6512, 19.3061, 24.7229 looks on a white background.

Color Contrast Check

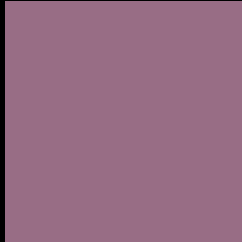
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6512, 19.3061, 24.7229 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 22.6512, 19.3061, 24.7229

Background



This preview shows how black text looks on a background with the XYZ color 22.6512, 19.3061, 24.7229.



This preview shows how white text looks on a background with the XYZ color 22.6512, 19.3061,

24.7229.

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

22.6512, 19.3061, 24.7229

Protanopia

19.1163, 19.4494, 27.9459

Deuteranopia

19.6284, 19.2627, 24.1563



Tritanopia

21.6523, 19.2090, 20.3358

Trichromacy



Original Color

22.6512, 19.3061, 24.7229

Protanomaly

20.1547, 19.3034, 26.7084

Deuteranomaly

20.6121, 19.2458, 24.4582

Tritanomaly

22.0401, 19.2118, 21.9487

Monochromacy



Original Color

22.6512, 19.3061, 24.7229

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.4848, 19.9031, 23.1841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6512, 19.3061, 24.7229 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, 109, 133)` looks like.

```
.text, #text, p{  
    color:rgb(152, 109, 133)  
}
```

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, 109, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 109, 133) }
```

Border

The CSS property to change the border of an element to XYZ 22.6512, 19.3061, 24.7229 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, 109, 133) }
```


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

```
.border{ border-color:rgb(152, 109, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 109, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 109, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 109, 133);  
box-shadow:4px 4px 4px 4px rgb(152, 109,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6512, 19.3061, 24.7229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 109, 133) }
```

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

```
.background{ background-color: rgb(152,  
109, 133) }
```

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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