

Converting Colors

XYZ(28.5402, 23.9025, 22.5114)

Have a look what the booklet for
XYZ(28.5402, 23.9025, 22.5114)
contains.

XYZ(28.5402, 23.9025, 22.5114)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.5402, 23.9025,
22.5114)**

Conversions

Conversions Part 1

Format	Color
Hex	B2767D
RGB	178, 118, 125
RGB Percent	70%, 46%, 49%
CMY	0.3020, 0.5372, 0.5098
CMYK	0.00, 0.34, 0.30, 0.30
HSL	353°, 28%, 58%
HSV	353°, 34%, 70%
XYZ	28.5402, 23.9025, 22.5114
YIQ	136.7380, 33.5130, 14.8970

Conversions

Conversions Part 2

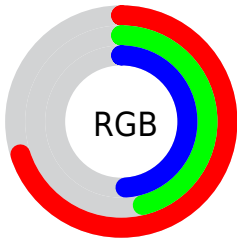
Format	Color
R_{YB}	178, 118, 125
Decimal	11695741
CIE _{Lab}	55.99, 24.52, 5.86
CIE _{LCh}	56, 25.207, 13.441
Yxy	23.9025, 0.3808, 0.3189
Android (android.graphics.Color)	4289885821 (0xFFB2767D)
YUV	136.7380, -5.7868, 36.1868
Hunter-Lab	48.8902, 18.6436, 6.9232

Details

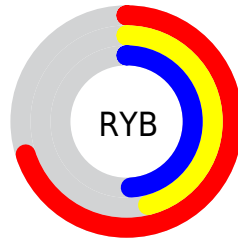
The XYZ color **28.5402, 23.9025, 22.5114** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.7434, 38.6332, 44.3667**, and the grayscale version is **23.6918, 24.9256, 27.1440**.

A 20% lighter version of the original color is **56.8597, 50.0023, 48.7741**, and **11.7448, 9.0631, 7.9678** is the 20% darker color. If you saturate the color by 10%, you get **25.7122, 19.7287, 16.9990**, and if you desaturate by 10%, it is **31.9241, 28.9333, 28.9943**.

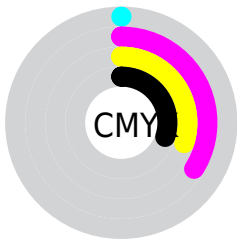
Distribution



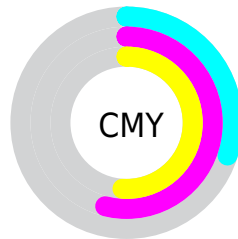
- Red (70%)
- Green (46%)
- Blue (49%)



- Red (70%)
- Yellow (46%)
- Blue (49%)



- Cyan (0%)
- Magenta (34%)
- Yellow (30%)
- Black (30%)





- Cyan (30%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5402, 23.9025, 22.5114 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 28.5402, 23.9025, 22.5114 by changing the saturation by 10% instead.


 28.5402, 23.9025,
22.5114


 28.5402, 23.9025,
22.5114


287.0728,
272.3272, 278.2455

 18.8758, 15.2613,
14.0313


 56.7484, 49.8710,
48.5028

 11.6840, 9.0030,
8.0034


 76.0229, 67.9672,
66.8511

 6.5996, 4.7431,
4.0093


 99.2314, 89.9838,
89.3258

 3.2571, 2.0973,
1.6305

126.7394,
116.3052, 116.3456

 1.2911, 0.6631,
0.3124

158.9122,
147.3159, 148.3289

 0.1766, 0.0000,
0.0000

196.1151,

 0.0000, 0.0000,

183.4002, 185.6943

0.0000

238.7135,
224.9425, 228.8603

■ 28.5402, 23.9025,
22.5114

■ 28.5402, 23.9025,
22.5114

■ 25.7122, 19.7287,
16.9990

■ 31.9241, 28.9333,
28.9943

■ 23.4084, 16.3609,
12.4088

■ 35.8895, 34.8615,
36.4897

■ 21.5968, 13.7479,
8.6907

■ 40.4627, 41.7292,
45.0392


■ 20.2412, 11.8314,
5.7892

■ 45.6679, 49.5748,
54.6813


■ 19.3003, 10.5442,
3.6421


■ 51.5280, 58.4345,
65.4528


 18.7250, 9.8062,
2.1785

 58.0645, 68.3427,
77.3886

 18.4933, 9.5183,
1.5602

 65.2983, 79.3322,
90.5222

 71.5005, 87.9372,
104.3030

 72.1702, 88.2050,
107.8292

Harmonies

Analogous

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



28.4495, 23.9025, 30.8116



28.5402, 23.9025, 22.5114



26.9804, 23.9025, 16.5745

Triad

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



28.5402, 23.9025, 22.5114



19.1203, 23.9025, 16.1269



21.1769, 23.9025, 44.3750

Complementary

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



28.5402, 23.9025, 22.5114



30.7434, 38.6332, 44.3667

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.



18.9310, 23.9025, 38.5220



28.5402, 23.9025, 22.5114



17.8142, 23.9025, 21.7631

Square

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



28.5402, 23.9025, 22.5114



21.4559, 23.9025, 13.4494



17.7479, 23.9025, 29.8881



24.0300, 23.9025, 44.6946

Rectangle

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



28.5402, 23.9025, 22.5114



25.2852, 23.9025, 14.2631



17.7479, 23.9025, 29.8881



20.3319, 23.9025, 42.9412

Sweetspot

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



28.5408, 23.9036, 22.5119



67.8845, 67.4199, 71.4262



31.3096, 24.8303, 45.2622



14.7919, 14.5650, 15.3601



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.5408, 23.9036, 22.5119



48.0703, 37.8998, 33.6587



31.1558, 29.8237, 21.2554



8.5353, 8.5209, 9.0515



13.2448, 6.8155, 1.1829



0.4296, 0.2196, 0.1051

Inverse Universe

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



28.5408, 23.9036, 22.5119



48.0703, 37.8998, 33.6587



27.2294, 30.5096, 46.5734



8.5353, 8.5209, 9.0515



13.2448, 6.8155, 1.1829



0.4296, 0.2196, 0.1051

Previews

White Background



This preview shows how the XYZ color 28.5402, 23.9025, 22.5114 looks on a white background.

Color Contrast Check

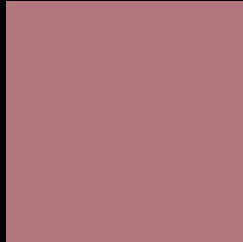
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5402, 23.9025, 22.5114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

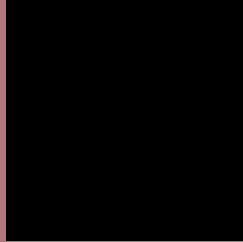
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.5402, 23.9025, 22.5114

Background



This preview shows how black text looks on a background with the XYZ color 28.5402, 23.9025, 22.5114.



This preview shows how white text looks on a background with the XYZ color 28.5402, 23.9025,

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

28.5402, 23.9025, 22.5114

Protanopia

23.1447, 24.0898, 25.9842

Deuteranopia

24.5067, 24.0707, 22.0934



Tritanopia

28.6693, 23.9542, 23.1912

Trichromacy



Original Color

28.5402, 23.9025, 22.5114

Protanomaly

24.7648, 23.7524, 24.7522

Deuteranomaly

25.7969, 23.9540, 22.3327

Tritanomaly

28.6044, 23.9282, 22.8497

Monochromacy



Original Color

28.5402, 23.9025, 22.5114

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.1652, 24.3341, 25.5609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5402, 23.9025, 22.5114 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(178, 118, 125)` looks like.

```
.text, #text, p{  
    color:rgb(178, 118, 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(178, 118, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 118, 125) }
```

Border

The CSS property to change the border of an element to XYZ 28.5402, 23.9025, 22.5114 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(178, 118, 125) }
```


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

```
.border{ border-color:rgb(178, 118, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 118, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 118, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 118, 125);  
box-shadow:4px 4px 4px 4px rgb(178, 118,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5402, 23.9025, 22.5114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 118, 125) }
```

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

```
.background{ background-color: rgb(178,  
118, 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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