

Converting Colors

XYZ(25.8975, 23.0936, 33.2299)

Have a look what the booklet for
XYZ(25.8975, 23.0936, 33.2299)
contains.

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Color

**XYZ(25.8462, 22.9913,
33.2125)**

Conversions

Conversions Part 1

Format	Color
Hex	997A99
RGB	153, 122, 153
RGB Percent	60%, 48%, 60%
CMY	0.4000, 0.5216, 0.4000
CMYK	0.00, 0.20, 0.00, 0.40
HSL	300°, 13%, 54%
HSV	300°, 20%, 60%
XYZ	25.8462, 22.9913, 33.2125
YIQ	134.8030, 8.5250, 16.2130

Conversions

Conversions Part 2

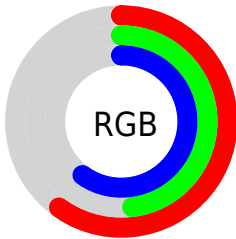
Format	Color
R_{YB}	153, 122, 153
Decimal	10058393
CIE _{Lab}	55.06, 17.63, -12.11
CIE _{LCh}	55, 21.384, 325.514
Yxy	22.9913, 0.3150, 0.2802
Android (android.graphics.Color)	4288248473 (0xFF997A99)
YUV	134.8030, 8.9711, 15.9588
Hunter-Lab	47.9492, 12.3061, -7.5033

Details

The XYZ color **25.8462, 22.9913, 33.2125** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.9311, 28.3259, 22.6725**, and the grayscale version is **22.9224, 24.1161, 26.2624**.

A 20% lighter version of the original color is **52.6049, 48.5748, 65.6348**, and **10.2603, 8.5492, 13.6798** is the 20% darker color. If you saturate the color by 10%, you get **24.1137, 19.5260, 32.6352**, and if you desaturate by 10%, it is **27.8758, 27.0502, 33.8894**.

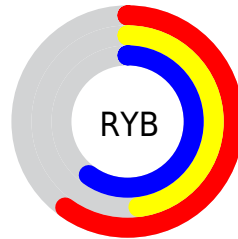
Distribution



Red (60%)

Green (48%)

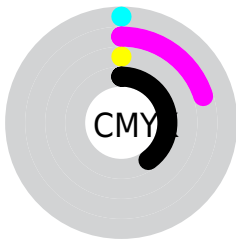
Blue (60%)



Red (60%)

Yellow (48%)

Blue (60%)

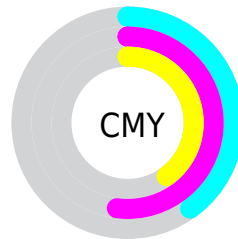


Cyan (0%)

Magenta (20%)

Yellow (0%)

Black (40%)



Cyan (40%)

Magenta (52%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8462, 22.9913, 33.2125 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 25.8462, 22.9913, 33.2125 by changing the saturation by 10% instead.

■ 25.8462, 22.9913,
33.2125

■ 25.8462, 22.9913,
33.2125

274.2968,
267.6803, 331.2675

■ 16.8407, 14.5871,
22.0168

■ 52.4598, 48.3790,
65.8270

■ 10.2156, 8.5301,
13.6708

■ 70.7986, 66.1314,
88.0829

■ 5.6055, 4.4360,
7.7560

■ 92.9792, 87.7685,
114.8626

■ 2.6451, 1.9203,
3.8537

119.3670,
113.6748, 146.5847

■ 0.9690, 0.5605,
1.5454

150.3273,
144.2348, 183.6677

■ 0.0000, 0.0000,
0.2514

186.2254,

■ 0.0000, 0.0000,

179.8328, 226.5301

0.0000

227.4268,
220.8531, 275.5906

■ 25.8462, 22.9913,
33.2125

■ 25.8462, 22.9913,
33.2125

■ 24.1137, 19.5260,
32.6352

■ 27.8758, 27.0502,
33.8894

■ 22.6625, 16.6237,
32.1514

■ 30.2135, 31.7254,
34.6687

■ 21.4784, 14.2555,
31.7566

■ 32.8719, 37.0422,
35.5549

■ 20.5451, 12.3888,
31.4454

■ 35.8626, 43.0236,
36.5519

■ 19.8445, 10.9877,
31.2118

■ 39.1965, 49.6914,
37.6633

■ 19.3562, 10.0112,
31.0489

■ 42.8841, 57.0665,
38.8926

■ 19.0563, 9.4112,
30.9488

■ 46.9353, 65.1688,
40.2431

■ 18.8868, 9.0723,
30.8923

■ 51.3596, 74.0175,
41.7179

■ 54.6471, 80.5924,
42.8138

Harmonies

Analogous

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



23.8838, 22.9913, 38.8237



25.8462, 22.9913, 33.2125



26.7401, 22.9913, 26.0728

Triad

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



25.8462, 22.9913, 33.2125



22.2124, 22.9913, 14.1082



17.9769, 22.9913, 31.1145

Complementary

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



25.8462, 22.9913, 33.2125



22.9311, 28.3259, 22.6725

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.



17.6001, 22.9913, 24.0224



25.8462, 22.9913, 33.2125



19.9399, 22.9913, 14.9699

Square

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



25.8462, 22.9913, 33.2125



24.5476, 22.9913, 15.7094



18.2930, 22.9913, 18.3215



19.3623, 22.9913, 37.4663

Rectangle

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



25.8462, 22.9913, 33.2125



26.5658, 22.9913, 21.6888



18.2930, 22.9913, 18.3215



17.7326, 22.9913, 28.7058

Sweetspot

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



25.8469, 22.9923, 33.2130



51.5869, 51.7735, 61.2462



20.7364, 20.3577, 32.9740



11.3382, 11.3268, 13.5062



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.



25.8469, 22.9923, 33.2130



44.9168, 38.4333, 59.0226



24.6486, 22.5130, 26.9026



6.4612, 6.3237, 7.8090



15.6093, 7.4980, 25.5315



0.2334, 0.1121, 0.3817

Inverse Universe

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



25.8469, 22.9923, 33.2130



44.9168, 38.4333, 59.0226



23.9695, 28.7413, 28.1406



6.4612, 6.3237, 7.8090



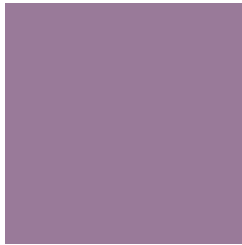
15.6093, 7.4980, 25.5315



0.2334, 0.1121, 0.3817

Previews

White Background



This preview shows how the XYZ color 25.8462, 22.9913, 33.2125 looks on a white background.

Color Contrast Check

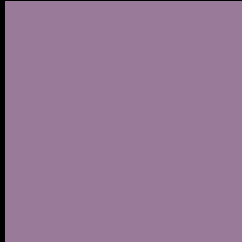
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8462, 22.9913, 33.2125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

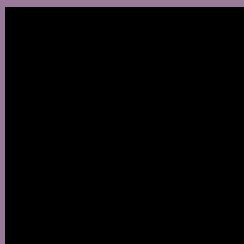
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.8462, 22.9913, 33.2125

Background



This preview shows how black text looks on a background with the XYZ color 25.8462, 22.9913, 33.2125.



This preview shows how white text looks on a background with the XYZ color 25.8462, 22.9913,

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

25.8462, 22.9913, 33.2125

Protanopia

22.9785, 23.1714, 36.0623

Deuteranopia

23.5094, 23.1184, 32.9290



Tritanopia

24.2845, 22.9005, 26.0620

Trichromacy



Original Color

25.8462, 22.9913, 33.2125

Protanomaly

23.9583, 23.1069, 35.0956

Deuteranomaly

24.2837, 22.9395, 32.8536

Tritanomaly

24.8526, 22.9476, 28.7106

Monochromacy



Original Color

25.8462, 22.9913, 33.2125

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.0204, 23.6690, 28.8938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8462, 22.9913, 33.2125 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(153, 122, 153)` looks like.

```
.text, #text, p{  
    color:rgb(153, 122, 153)  
}
```

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(153, 122, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 122, 153) }
```

Border

The CSS property to change the border of an element to XYZ 25.8462, 22.9913, 33.2125 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(153, 122, 153) }
```


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

```
.border{ border-color:rgb(153, 122, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 122, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 122, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 122, 153);  
box-shadow:4px 4px 4px 4px rgb(153, 122,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8462, 22.9913, 33.2125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 122, 153) }
```

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

```
.background{ background-color: rgb(153,  
122, 153) }
```

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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