

Converting Colors

XYZ(22.5402, 15.5752, 25.7204)

Have a look what the booklet for
XYZ(22.5402, 15.5752, 25.7204)
contains.

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Color

**XYZ(22.5050, 15.5509,
25.8602)**

Conversions

Conversions Part 1

Format	Color
Hex	A2528A
RGB	162, 82, 138
RGB Percent	64%, 32%, 54%
CMY	0.3647, 0.6784, 0.4588
CMYK	0.00, 0.49, 0.15, 0.36
HSL	318°, 33%, 48%
HSV	318°, 49%, 64%
XYZ	22.5050, 15.5509, 25.8602
YIQ	112.3040, 29.7040, 34.3760

Conversions

Conversions Part 2

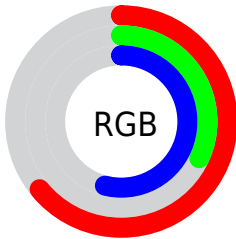
Format	Color
R_{YB}	162, 82, 138
Decimal	10637962
CIE _{Lab}	46.38, 40.45, -16.31
CIE _{LCh}	46, 43.611, 338.044
Yxy	15.5509, 0.3521, 0.2433
Android (android.graphics.Color)	4288828042 (0xFFA2528A)
YUV	112.3040, 12.6681, 43.5834
Hunter-Lab	39.4346, 32.8578, -11.2766

Details

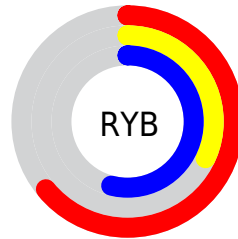
The XYZ color **22.5050, 15.5509, 25.8602** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.0022, 28.6756, 18.1702**, and the grayscale version is **15.4486, 16.2532, 17.6997**.

A 20% lighter version of the original color is **47.2529, 35.9160, 54.3112**, and **8.4358, 4.8727, 9.7284** is the 20% darker color. If you saturate the color by 10%, you get **21.0805, 13.2523, 23.6880**, and if you desaturate by 10%, it is **24.2346, 18.4340, 28.2121**.

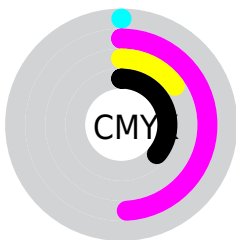
Distribution



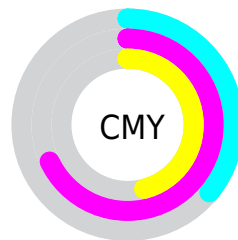
- Red (64%)
- Green (32%)
- Blue (54%)



- Red (64%)
- Yellow (32%)
- Blue (54%)



- Cyan (0%)
- Magenta (49%)
- Yellow (15%)
- Black (36%)



- Cyan (36%)
- Magenta (68%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5050, 15.5509, 25.8602 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 22.5050, 15.5509, 25.8602 by changing the saturation by 10% instead.

■ 22.5050, 15.5509,
25.8602

■ 22.5050, 15.5509,
25.8602

257.7554,
226.6769, 295.6787

■ 14.3471, 9.2069,
16.4943

■ 47.0519, 35.8168,
54.0306

■ 8.4458, 4.8764,
9.7164

■ 64.1716, 50.5074,
73.6722

■ 4.4357, 2.1749,
5.1082

■ 85.0094, 68.7492,
97.5761

■ 1.9515, 0.7063,
2.2511

■ 109.9305, 90.9263,
126.1608

■ 0.6065, 0.0000,
0.7036

■ 139.3002,
117.4232, 159.8449

■ 0.0000, 0.0000,
0.0000

173.4841,

148.6244, 199.0469

212.8473,
184.9141, 244.1853

■ 22.5050, 15.5509,
25.8602

■ 22.5050, 15.5509,
25.8602

■ 21.0805, 13.2523,
23.6880

■ 24.2346, 18.4340,
28.2121

■ 19.9389, 11.4948,
21.6866

■ 26.2866, 21.9368,
30.7501

■ 19.0570, 10.2323,
19.8475

■ 28.6789, 26.0940,
33.4811

■ 18.4074, 9.4100,
18.1605

■ 31.4273, 30.9375,
36.4114

■ 17.9315, 8.9113,
16.6049

■ 34.5468, 36.4968,
39.5470

■ 17.9035, 8.8827,
16.5114

■ 38.0516, 42.7997,
42.8934

■ 41.9548, 49.8726,
46.4561

■ 46.2693, 57.7406,
50.2400

■ 51.0070, 66.4276,
54.2502

Harmonies

Analogous

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



19.6708, 15.5509, 38.8854



22.5050, 15.5509, 25.8602



23.1070, 15.5509, 14.2103

Triad

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



22.5050, 15.5509, 25.8602



13.7969, 15.5509, 3.6299



9.8093, 15.5509, 33.0625

Complementary

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



22.5050, 15.5509, 25.8602



19.0022, 28.6756, 18.1702

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.



8.7417, 15.5509, 19.9814



22.5050, 15.5509, 25.8602



10.7766, 15.5509, 5.3396

Square

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



22.5050, 15.5509, 25.8602



17.6361, 15.5509, 4.1124



9.0633, 15.5509, 10.3396



12.2514, 15.5509, 44.1216

Rectangle

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



22.5050, 15.5509, 25.8602



22.0804, 15.5509, 8.9770



9.0633, 15.5509, 10.3396



9.2983, 15.5509, 28.5800

Sweetspot

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



22.5055, 15.5516, 25.8605



54.0277, 50.8185, 62.9163



15.4835, 11.7082, 35.6265



11.9151, 11.0281, 13.8940



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.



22.5055, 15.5516, 25.8605



38.0988, 23.7886, 42.7232



20.1228, 14.5986, 13.3133



7.2734, 7.1658, 8.4259



14.1244, 7.0058, 13.1114



0.3161, 0.1549, 0.3772

Inverse Universe

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



22.5055, 15.5516, 25.8605



38.0988, 23.7886, 42.7232



21.5889, 29.7102, 31.7914



7.2734, 7.1658, 8.4259



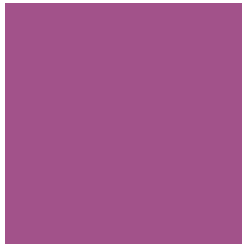
14.1244, 7.0058, 13.1114



0.3161, 0.1549, 0.3772

Previews

White Background



This preview shows how the XYZ color 22.5050, 15.5509, 25.8602 looks on a white 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

Black 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

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

XYZ 22.5050, 15.5509, 25.8602

Background



This preview shows how black text looks on a background with the XYZ color 22.5050, 15.5509, 25.8602.



This preview shows how white text looks on a background with the XYZ color 22.5050, 15.5509,

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

22.5050, 15.5509, 25.8602

Protanopia

16.3595, 15.8388, 34.5427

Deuteranopia

16.0960, 15.7614, 24.7481



Tritanopia

19.9993, 15.6143, 13.2691

Trichromacy



Original Color

22.5050, 15.5509, 25.8602

Protanomaly

17.6555, 15.0800, 31.2583

Deuteranomaly

17.8883, 15.3401, 24.9398

Tritanomaly

20.7124, 15.5202, 17.2333

Monochromacy



Original Color

22.5050, 15.5509, 25.8602

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.3108, 15.4337, 20.1558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5050, 15.5509, 25.8602 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(162, 82, 138)` looks like.

```
.text, #text, p{  
  color:rgb(162, 82, 138)  
}
```

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(162, 82, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 82, 138) }
```

Border

The CSS property to change the border of an element to XYZ 22.5050, 15.5509, 25.8602 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(162, 82, 138) }
```


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

```
.border{ border-color:rgb(162, 82, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 82, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 82, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 82, 138);  
box-shadow:4px 4px 4px 4px rgb(162, 82,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5050, 15.5509, 25.8602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 82, 138) }
```

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

```
.background{ background-color: rgb(162, 82,  
138) }
```

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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