

Converting Colors

XYZ(25.4557, 22.0178, 43.6733)

Have a look what the booklet for
XYZ(25.4557, 22.0178, 43.6733)
contains.

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Color

**XYZ(25.4900, 22.0396,
43.4680)**

Conversions

Conversions Part 1

Format	Color
Hex	8E77AF
RGB	142, 119, 175
RGB Percent	56%, 47%, 69%
CMY	0.4431, 0.5333, 0.3137
CMYK	0.19, 0.32, 0.00, 0.31
HSL	265°, 26%, 58%
HSV	265°, 32%, 69%
XYZ	25.4900, 22.0396, 43.4680
YIQ	132.2610, -4.2680, 22.2920

Conversions

Conversions Part 2

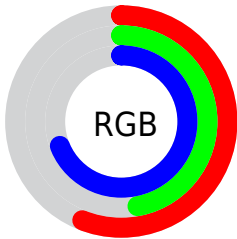
Format	Color
R_{YB}	142, 119, 175
Decimal	9336751
CIE _{Lab}	54.07, 20.42, -26.46
CIE _{LCh}	54, 33.419, 307.658
Yxy	22.0396, 0.2801, 0.2422
Android (android.graphics.Color)	4287526831 (0xFF8E77AF)
YUV	132.2610, 21.0703, 8.5411
Hunter-Lab	46.9464, 14.7623, -22.0346

Details

The XYZ color **25.4900, 22.0396, 43.4680** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **31.6093, 38.6678, 23.2514**, and the grayscale version is **21.9543, 23.0977, 25.1534**.

A 20% lighter version of the original color is **51.7517, 46.6311, 81.8744**, and **10.0174, 8.0096, 19.4304** is the 20% darker color. If you saturate the color by 10%, you get **21.9078, 17.3810, 42.7580**, and if you desaturate by 10%, it is **29.6209, 27.5513, 44.3145**.

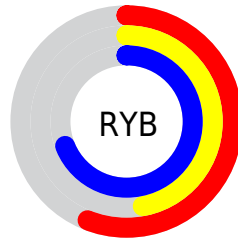
Distribution



Red (56%)

Green (47%)

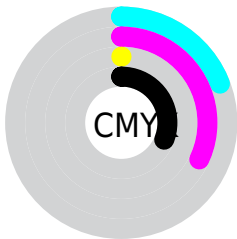
Blue (69%)



Red (56%)

Yellow (47%)

Blue (69%)

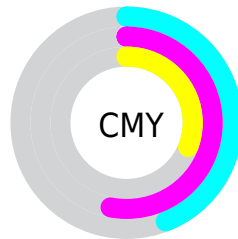


Cyan (19%)

Magenta (32%)

Yellow (0%)

Black (31%)



Cyan (44%)

Magenta (53%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4900, 22.0396, 43.4680 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 25.4900, 22.0396, 43.4680 by changing the saturation by 10% instead.

■ 25.4900, 22.0396,
43.4680

■ 25.4900, 22.0396,
43.4680

272.5723,
262.7530, 376.5105

■ 16.5732, 13.8860,
29.9184

■ 51.8882, 46.8114,
81.7105

■ 10.0241, 8.0414,
19.5251

■ 70.1003, 64.1985,
107.2405

■ 5.4773, 4.1215,
11.8697

■ 92.1416, 85.4321,
137.6010

■ 2.5675, 1.7417,
6.5335

118.3773,
110.8967, 173.2106

■ 0.9294, 0.4505,
3.0981

149.1729,
140.9767, 214.4878

■ 0.0000, 0.0000,
1.1450

184.8937,

■ 0.0000, 0.0000,

176.0565, 261.8512

0.0000

225.9050,
216.5205, 315.7192

■ 25.4900, 22.0396,
43.4680

■ 25.4900, 22.0396,
43.4680

■ 21.9078, 17.3810,
42.7580

■ 29.6209, 27.5513,
44.3145

■ 18.8465, 13.5285,
42.1757

■ 34.3221, 33.9547,
45.3027

■ 16.2792, 10.4343,
41.7138

■ 39.6163, 41.2889,
46.4393

■ 14.1753, 8.0444,
41.3634

■ 45.5248, 49.5901,
47.7302

■ 12.5004, 6.2973,
41.1144

■ 52.0673, 58.8924,
49.1809

■ 11.2139, 5.1203,
40.9550

■ 59.2629, 69.2285,
50.7967

■ 10.4010, 4.4680,
40.8720

■ 67.1297, 80.6291,
52.5826

■ 74.3945, 90.5430,
54.1133

■ 77.6981, 92.2460,
54.2679

Harmonies

Analogous

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



21.8884, 22.0396, 49.6401



25.4900, 22.0396, 43.4680



28.0604, 22.0396, 32.3915

Triad

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



25.4900, 22.0396, 43.4680



23.7040, 22.0396, 9.8885



14.7845, 22.0396, 26.7504

Complementary

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



25.4900, 22.0396, 43.4680



31.6093, 38.6678, 23.2514

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.



15.1521, 22.0396, 17.1953



25.4900, 22.0396, 43.4680



20.0349, 22.0396, 9.1768

Square

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



25.4900, 22.0396, 43.4680



26.9493, 22.0396, 13.7708



16.9803, 22.0396, 11.4321



15.9111, 22.0396, 38.3365

Rectangle

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



25.4900, 22.0396, 43.4680



28.6923, 22.0396, 24.8203



16.9803, 22.0396, 11.4321



14.7399, 22.0396, 23.1928

Sweetspot

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



25.4907, 22.0405, 43.4685



63.1197, 63.0828, 81.4863



26.6722, 29.6696, 44.8788



13.7515, 13.6388, 18.0521



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.4907, 22.0405, 43.4685



41.2739, 33.7525, 76.9764



30.7835, 24.7690, 43.7162



7.8788, 7.9118, 10.0646



7.5148, 3.2339, 29.2726



0.2721, 0.1225, 0.8173

Inverse Universe

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



29.9442, 24.5755, 32.8720



50.6073, 39.0718, 54.4710



27.0596, 36.3223, 23.0385



8.1958, 8.0916, 9.3417



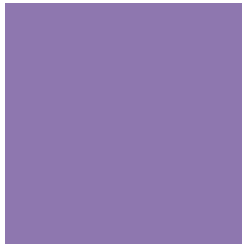
14.4495, 7.2424, 10.0127



0.4283, 0.2120, 0.4171

Previews

White Background



This preview shows how the XYZ color 25.4900, 22.0396, 43.4680 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 25.4900, 22.0396, 43.4680 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 25.4900, 22.0396, 43.4680

Background



This preview shows how black text looks on a background with the XYZ color 25.4900, 22.0396, 43.4680.



This preview shows how white text looks on a background with the XYZ color 25.4900, 22.0396,

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

25.4900, 22.0396, 43.4680

Protanopia

22.9727, 22.3265, 47.3546

Deuteranopia

22.6034, 22.0474, 42.5994



Tritanopia

22.0964, 22.1358, 26.7749

Trichromacy



Original Color

25.4900, 22.0396, 43.4680

Protanomaly

23.7825, 22.2070, 45.6807

Deuteranomaly

23.6000, 21.9833, 43.0437

Tritanomaly

23.2748, 22.0529, 32.3081

Monochromacy



Original Color

25.4900, 22.0396, 43.4680

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.0880, 22.5511, 31.1529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4900, 22.0396, 43.4680 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(142, 119, 175)` looks like.

```
.text, #text, p{  
    color:rgb(142, 119, 175)  
}
```

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(142, 119, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 119, 175) }
```

Border

The CSS property to change the border of an element to XYZ 25.4900, 22.0396, 43.4680 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(142, 119, 175) }
```


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

```
.border{ border-color:rgb(142, 119, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 119, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 119, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 119, 175);  
box-shadow:4px 4px 4px 4px rgb(142, 119,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4900, 22.0396, 43.4680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 119, 175) }
```

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

```
.background{ background-color: rgb(142,  
119, 175) }
```

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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