

Converting Colors

XYZ(25.4901, 24.6898, 43.8740)

Have a look what the booklet for
XYZ(25.4901, 24.6898, 43.8740)
contains.

XYZ(25.4855, 24.6955, 43.9809)	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(25.4855, 24.6955,
43.9809)**

Conversions

Conversions Part 1

Format	Color
Hex	8385AF
RGB	131, 133, 175
RGB Percent	51%, 52%, 69%
CMY	0.4863, 0.4784, 0.3137
CMYK	0.25, 0.24, 0.00, 0.31
HSL	237°, 22%, 60%
HSV	237°, 25%, 69%
XYZ	25.4855, 24.6955, 43.9809
YIQ	137.1900, -14.6740, 12.6380

Conversions

Conversions Part 2

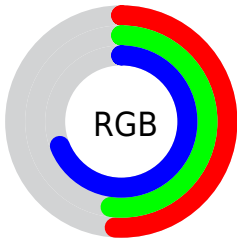
Format	Color
R_{YB}	131, 133, 175
Decimal	8619439
CIE _{Lab}	56.78, 8.72, -22.36
CIE _{LCh}	57, 24.005, 291.310
Yxy	24.6955, 0.2707, 0.2623
Android (android.graphics.Color)	4286809519 (0xFF8385AF)
YUV	137.1900, 18.6403, -5.4286
Hunter-Lab	49.6946, 4.5769, -17.6869

Details

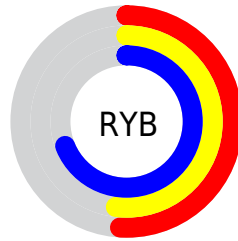
The XYZ color **25.4855, 24.6955, 43.9809** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **36.7199, 40.6401, 27.3826**, and the grayscale version is **23.7860, 25.0248, 27.2520**.

A 20% lighter version of the original color is **51.9903, 51.2016, 82.7440**, and **9.9914, 9.4513, 19.7100** is the 20% darker color. If you saturate the color by 10%, you get **20.8926, 19.1990, 43.1625**, and if you desaturate by 10%, it is **30.9015, 31.1574, 44.9431**.

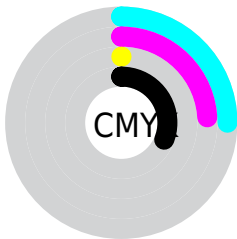
Distribution



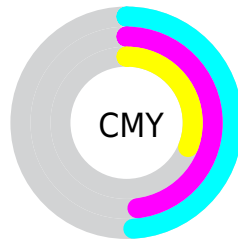
- Red (51%)
- Green (52%)
- Blue (69%)



- Red (51%)
- Yellow (52%)
- Blue (69%)



- Cyan (25%)
- Magenta (24%)
- Yellow (0%)
- Black (31%)



- Cyan (49%)
- Magenta (48%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4855, 24.6955, 43.9809 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 25.4855, 24.6955, 43.9809 by changing the saturation by 10% instead.

■ 25.4855, 24.6955,
43.9809

■ 25.4855, 24.6955,
43.9809

272.5505,
276.3181, 378.6694

■ 16.5698, 15.8503,
30.3184

■ 51.8810, 51.1628,
82.4912

■ 10.0216, 9.4183,
19.8263

■ 70.0915, 69.5537,
108.1760

■ 5.4757, 5.0150,
12.0860

■ 92.1310, 91.8954,
138.7054

■ 2.5666, 2.2561,
6.6790

118.3648,
118.5721, 174.4979

■ 0.9289, 0.7503,
3.1868

149.1583,
149.9684, 215.9720

■ 0.0000, 0.0000,
1.1908

184.8768,

■ 0.0000, 0.0000,

186.4685, 263.5463

0.0000

225.8858,
228.4570, 317.6392

■ 25.4855, 24.6955,
43.9809

■ 25.4855, 24.6955,
43.9809

■ 20.8926, 19.1990,
43.1625

■ 30.9015, 31.1574,
44.9431

■ 17.0804, 14.6187,
42.4793

■ 37.1756, 38.6248,
46.0538

■ 14.0059, 10.9058,
41.9247

■ 44.3436, 47.1391,
47.3194

■ 11.6216, 8.0054,
41.4905

■ 52.4388, 56.7386,
48.7457

■ 9.8739, 5.8567,
41.1679

■ 61.4926, 67.4595,
50.3378

■ 8.7017, 4.3901,
40.9466

■ 71.5349, 79.3364,
52.1010

■ 8.0307, 3.5227,
40.8145

■ 82.5944, 92.4026,
54.0401

■ 7.8243, 3.2679,
40.7762

■ 84.7379, 95.8752,
54.5974

Harmonies

Analogous

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



22.6675, 24.6955, 45.2109



25.4855, 24.6955, 43.9809



27.9344, 24.6955, 37.7357

Triad

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



25.4855, 24.6955, 43.9809



27.0044, 24.6955, 16.5529



18.5385, 24.6955, 24.6242

Complementary

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



25.4855, 24.6955, 43.9809



36.7199, 40.6401, 27.3826

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.



19.5127, 24.6955, 18.3500



25.4855, 24.6955, 43.9809



24.2960, 24.6955, 14.3372

Square

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



25.4855, 24.6955, 43.9809



28.8588, 24.6955, 21.6619



21.5681, 24.6955, 14.9223



18.8016, 24.6955, 32.8963

Rectangle

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



25.4855, 24.6955, 43.9809



28.9556, 24.6955, 32.1439



21.5681, 24.6955, 14.9223



18.7291, 24.6955, 22.2409

Sweetspot

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



25.4863, 24.6965, 43.9815



63.0472, 64.9741, 81.8552



32.2141, 38.4952, 45.1667



13.6351, 13.9917, 18.1263



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.



25.4863, 24.6965, 43.9815



41.0429, 38.7271, 77.9488



28.5803, 25.8888, 44.0485



7.6070, 7.8134, 10.0599



5.6156, 2.3650, 29.2050



0.1655, 0.0843, 0.8155

Inverse Universe

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



30.0298, 27.0408, 25.8280



50.5558, 43.6799, 39.9304



32.9833, 39.2875, 27.3184



8.0195, 8.0210, 8.4133



12.6981, 6.5418, 0.7898



0.3579, 0.1839, 0.0466

Previews

White Background



This preview shows how the XYZ color 25.4855, 24.6955, 43.9809 looks on a white background.

Color Contrast Check

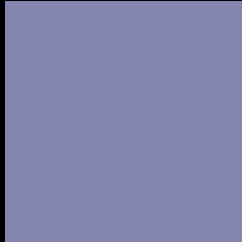
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4855, 24.6955, 43.9809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

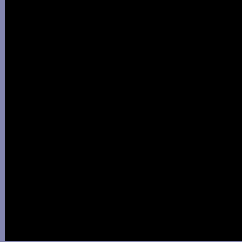
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4855, 24.6955, 43.9809

Background



This preview shows how black text looks on a background with the XYZ color 25.4855, 24.6955, 43.9809.



This preview shows how white text looks on a background with the XYZ color 25.4855, 24.6955,

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

25.4855, 24.6955, 43.9809

Protanopia

24.9579, 24.8225, 44.5501

Deuteranopia

25.3162, 24.8125, 44.0124



Tritanopia

23.1175, 24.7825, 31.9988

Trichromacy



Original Color

25.4855, 24.6955, 43.9809

Protanomaly

25.1140, 24.6968, 44.5176

Deuteranomaly

25.4689, 24.8912, 44.0196

Tritanomaly

23.8778, 24.6661, 35.8503

Monochromacy



Original Color

25.4855, 24.6955, 43.9809

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.3817, 24.9936, 32.8173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4855, 24.6955, 43.9809 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(131, 133, 175)` looks like.

```
.text, #text, p{  
    color:rgb(131, 133, 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(131, 133, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 133, 175) }
```

Border

The CSS property to change the border of an element to XYZ 25.4855, 24.6955, 43.9809 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(131, 133, 175) }
```


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

```
.border{ border-color:rgb(131, 133, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 133, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 133, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 133, 175);  
box-shadow:4px 4px 4px 4px rgb(131, 133,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4855, 24.6955, 43.9809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 133, 175) }
```

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

```
.background{ background-color: rgb(131,  
133, 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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