

Converting Colors

XYZ(25.0275, 24.4594, 43.9595)

Have a look what the booklet for
XYZ(25.0275, 24.4594, 43.9595)
contains.

XYZ(25.0275, 24.4594, 43.9595)	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(25.0275, 24.4594,
43.9595)**

Conversions

Conversions Part 1

Format	Color
Hex	8085AF
RGB	128, 133, 175
RGB Percent	50%, 52%, 69%
CMY	0.4980, 0.4784, 0.3137
CMYK	0.27, 0.24, 0.00, 0.31
HSL	234°, 23%, 59%
HSV	234°, 27%, 69%
XYZ	25.0275, 24.4594, 43.9595
YIQ	136.2930, -16.4620, 12.0020

Conversions

Conversions Part 2

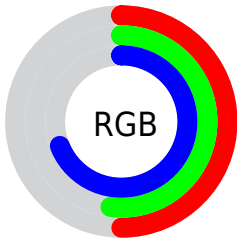
Format	Color
R_{YB}	128, 133, 175
Decimal	8422831
CIE _{Lab}	56.54, 7.78, -22.74
CIE _{LCh}	57, 24.036, 288.894
Yxy	24.4594, 0.2678, 0.2617
Android (android.graphics.Color)	4286612911 (0xFF8085AF)
YUV	136.2930, 19.0826, -7.2730
Hunter-Lab	49.4564, 3.7814, -18.0806

Details

The XYZ color **25.0275, 24.4594, 43.9595** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **35.9506, 39.4223, 26.1374**, and the grayscale version is **23.4473, 24.6684, 26.8639**.

A 20% lighter version of the original color is **51.2741, 50.8324, 82.7105**, and **9.7437, 9.3236, 19.6984** is the 20% darker color. If you saturate the color by 10%, you get **20.6349, 19.2502, 43.1860**, and if you desaturate by 10%, it is **30.1945, 30.5421, 44.8617**.

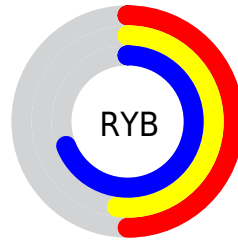
Distribution



Red (50%)

Green (52%)

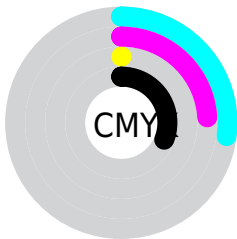
Blue (69%)



Red (50%)

Yellow (52%)

Blue (69%)

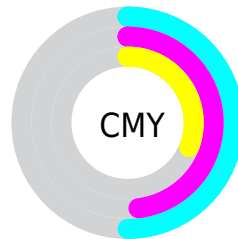


Cyan (27%)

Magenta (24%)

Yellow (0%)

Black (31%)



Cyan (50%)

Magenta (48%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0275, 24.4594, 43.9595 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 25.0275, 24.4594, 43.9595 by changing the saturation by 10% instead.

■ 25.0275, 24.4594,
43.9595

■ 25.0275, 24.4594,
43.9595

270.3200,
275.1349, 378.5795

■ 16.2264, 15.6748,
30.3017

■ 51.1444, 50.7788,
82.4586

■ 9.7764, 9.2943,
19.8137

■ 69.1909, 69.0824,
108.1370

■ 5.3121, 4.9336,
12.0770

■ 91.0499, 91.3278,
138.6594

■ 2.4681, 2.2084,
6.6729

117.0868,
117.8993, 174.4443

■ 0.8792, 0.7246,
3.1831

147.6669,
149.1814, 215.9102

■ 0.0000, 0.0000,
1.1889

183.1555,

■ 0.0000, 0.0000,

185.5584, 263.4757

0.0000

223.9181,
227.4148, 317.5592

■ 25.0275, 24.4594,
43.9595

■ 25.0275, 24.4594,
43.9595

■ 20.6349, 19.2502,
43.1860

■ 30.1945, 30.5421,
44.8617

■ 16.9769, 14.8715,
42.5336

■ 36.1682, 37.5329,
45.8962

■ 14.0139, 11.2810,
41.9967

■ 42.9821, 45.4680,
47.0687

■ 11.7014, 8.4316,
41.5686

■ 50.6672, 54.3809,
48.3840

■ 9.9899, 6.2710,
41.2418

■ 59.2526, 64.3033,
49.8467

■ 8.8226, 4.7398,
41.0077

■ 68.7663, 75.2655,
51.4612

■ 8.1240, 3.7650,
40.8564

■ 79.2350, 87.2966,
53.2317

■ 7.9644, 3.5481,
40.8230

■ 84.7379, 95.8752,
54.5975

Harmonies

Analogous

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



22.2305, 24.4594, 44.7177



25.0275, 24.4594, 43.9595



27.5259, 24.4594, 38.0554

Triad

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



25.0275, 24.4594, 43.9595



26.9537, 24.4594, 16.6576



18.3741, 24.4594, 23.7828

Complementary

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



25.0275, 24.4594, 43.9595



35.9506, 39.4223, 26.1374

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.



19.4379, 24.4594, 17.7595



25.0275, 24.4594, 43.9595



24.2959, 24.4594, 14.2285

Square

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



25.0275, 24.4594, 43.9595



28.6979, 24.4594, 21.9633



21.5548, 24.4594, 14.5869



18.5357, 24.4594, 31.9197

Rectangle

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



25.0275, 24.4594, 43.9595



28.6165, 24.4594, 32.5522



21.5548, 24.4594, 14.5869



18.5966, 24.4594, 21.4772

Sweetspot

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



25.0283, 24.4604, 43.9601



63.3206, 65.5209, 81.9463



31.4427, 38.1337, 43.4948



13.7056, 14.1327, 18.1498



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.



25.0283, 24.4604, 43.9601



40.1764, 38.3046, 77.9129



27.3148, 24.6468, 43.8755



7.6450, 7.8893, 10.0725



5.7267, 2.5873, 29.2421



0.1807, 0.1147, 0.8206

Inverse Universe

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



29.6327, 26.2466, 25.6956



49.7985, 42.1522, 39.7186



33.1282, 39.3854, 26.2790



8.0386, 8.0287, 8.5141



12.7542, 6.5642, 1.0853



0.3656, 0.1869, 0.0869

Previews

White Background



This preview shows how the XYZ color 25.0275, 24.4594, 43.9595 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 25.0275, 24.4594, 43.9595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

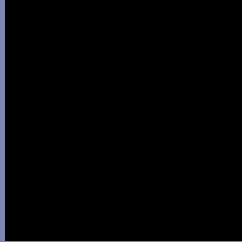
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0275, 24.4594, 43.9595

Background



This preview shows how black text looks on a background with the XYZ color 25.0275, 24.4594, 43.9595.



This preview shows how white text looks on a background with the XYZ color 25.0275, 24.4594,

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

25.0275, 24.4594, 43.9595

Protanopia

24.6738, 24.4699, 44.4970

Deuteranopia

25.0275, 24.4594, 43.9595



Tritanopia

22.6817, 24.5578, 31.9785

Trichromacy



Original Color

25.0275, 24.4594, 43.9595

Protanomaly

24.8190, 24.5448, 44.5038

Deuteranomaly

25.0275, 24.4594, 43.9595

Tritanomaly

23.4332, 24.4369, 35.8295

Monochromacy



Original Color

25.0275, 24.4594, 43.9595

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.8419, 24.5165, 32.3297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0275, 24.4594, 43.9595 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(128, 133, 175)` looks like.

```
.text, #text, p{  
    color:rgb(128, 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(128, 133, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 133, 175) }
```

Border

The CSS property to change the border of an element to XYZ 25.0275, 24.4594, 43.9595 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(128, 133, 175) }
```


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

```
.border{ border-color:rgb(128, 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(128, 133, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 133, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 133, 175);  
box-shadow:4px 4px 4px 4px rgb(128, 133,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0275, 24.4594, 43.9595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 133, 175) }
```

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

```
.background{ background-color: rgb(128,  
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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