

Converting Colors

XYZ(25.1040, 24.2658, 44.6788)

Have a look what the booklet for
XYZ(25.1040, 24.2658, 44.6788)
contains.

XYZ(25.1410, 24.3042, 44.4404)	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(25.1410, 24.3042,
44.4404)**

Conversions

Conversions Part 1

Format	Color
Hex	8184B0
RGB	129, 132, 176
RGB Percent	51%, 52%, 69%
CMY	0.4941, 0.4823, 0.3098
CMYK	0.27, 0.25, 0.00, 0.31
HSL	236°, 23%, 60%
HSV	236°, 27%, 69%
XYZ	25.1410, 24.3042, 44.4404
YIQ	136.1190, -15.9120, 13.0480

Conversions

Conversions Part 2

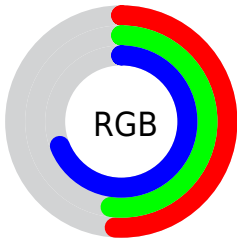
Format	Color
R_{YB}	129, 132, 176
Decimal	8488112
CIE _{Lab}	56.39, 8.93, -23.54
CIE _{LCh}	56, 25.180, 290.772
Yxy	24.3042, 0.2678, 0.2589
Android (android.graphics.Color)	4286678192 (0xFF8184B0)
YUV	136.1190, 19.6613, -6.2434
Hunter-Lab	49.2993, 4.7553, -18.9369

Details

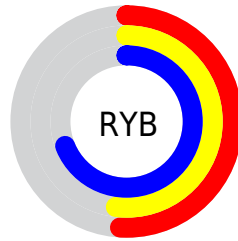
The XYZ color **25.1410, 24.3042, 44.4404** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.8110, 40.7026, 26.6860**, and the grayscale version is **23.3799, 24.5974, 26.7866**.

A 20% lighter version of the original color is **51.4429, 50.5914, 83.3977**, and **9.8103, 9.2363, 20.0046** is the 20% darker color. If you saturate the color by 10%, you get **20.6337, 18.9221, 43.6395**, and if you desaturate by 10%, it is **30.4632, 30.6314, 45.3816**.

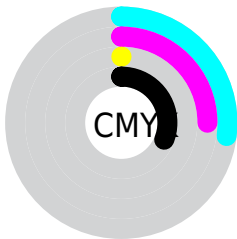
Distribution



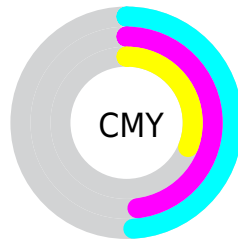
- Red (51%)
- Green (52%)
- Blue (69%)



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



- Cyan (27%)
- Magenta (25%)
- Yellow (0%)
- Black (31%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1410, 24.3042, 44.4404 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 25.1410, 24.3042, 44.4404 by changing the saturation by 10% instead.

■ 25.1410, 24.3042,
44.4404

■ 25.1410, 24.3042,
44.4404

270.8741,
274.3548, 380.5962

■ 16.3114, 15.5594,
30.6771

■ 51.3271, 50.5262,
83.1896

■ 9.8370, 9.2129,
20.0967

■ 69.4144, 68.7721,
109.0125

■ 5.3525, 4.8803,
12.2806

■ 91.3182, 90.9540,
139.6925

■ 2.4924, 2.1772,
6.8102

117.4041,
117.4561, 175.6480

■ 0.8914, 0.7075,
3.2671

148.0372,
148.6628, 217.2976

■ 0.0000, 0.0000,
1.2326

183.5830,

■ 0.0000, 0.0000,

184.9586, 265.0598

0.0055

224.4069,
226.7278, 319.3532

■ 0.0000, 0.0000,
0.0000

■ 25.1410, 24.3042,
44.4404

■ 25.1410, 24.3042,
44.4404

■ 20.6337, 18.9221,
43.6395

■ 30.4632, 30.6314,
45.3816

■ 16.8989, 14.4369,
42.9706

■ 36.6354, 37.9430,
46.4675

■ 13.8938, 10.8008,
42.4272

■ 43.6933, 46.2795,
47.7047

■ 11.5705, 7.9600,
42.0013

■ 51.6700, 55.6784,
49.0984

■ 9.8755, 5.8549,
41.6843

■ 60.5969, 66.1753,
50.6540

■ 8.7470, 4.4172,
41.4663

■ 70.5039, 77.8039,
52.3764

■ 8.1045, 3.5627,
41.3352

■ 81.4194, 90.5969,
54.2704

■ 7.9589, 3.3794,
41.3075

■ 84.8366, 95.9146,
55.1167

Harmonies

Analogous

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



22.2151, 24.3042, 45.6288



25.1410, 24.3042, 44.4404



27.7088, 24.3042, 37.9391

Triad

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



25.1410, 24.3042, 44.4404



26.8206, 24.3042, 15.8945



18.0085, 24.3042, 23.9769

Complementary

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



25.1410, 24.3042, 44.4404



36.8110, 40.7026, 26.6860

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.



19.0336, 24.3042, 17.5717



25.1410, 24.3042, 44.4404



24.0089, 24.3042, 13.5935

Square

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



25.1410, 24.3042, 44.4404



28.7337, 24.3042, 21.1798



21.1733, 24.3042, 14.1352



18.2562, 24.3042, 32.5592

Rectangle

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



25.1410, 24.3042, 44.4404



28.7933, 24.3042, 32.0960



21.1733, 24.3042, 14.1352



18.2122, 24.3042, 21.5312

Sweetspot

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



25.1418, 24.3052, 44.4410



64.7384, 66.7978, 83.9765



32.1091, 38.7303, 45.2514



13.6563, 14.0340, 18.1334



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.



25.1418, 24.3052, 44.4410



40.6356, 38.1608, 79.7193



28.1489, 25.2601, 44.4668



8.0841, 8.3144, 10.6851



5.8558, 2.5119, 30.3132



0.1986, 0.1077, 0.9586

Inverse Universe

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



29.9203, 26.5974, 25.3876



50.7822, 43.1018, 39.2448



33.1278, 39.6676, 26.6803



8.5176, 8.5138, 8.9583



13.1904, 6.7937, 0.8966



0.4223, 0.2167, 0.0663

Previews

White Background



This preview shows how the XYZ color 25.1410, 24.3042, 44.4404 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 25.1410, 24.3042, 44.4404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

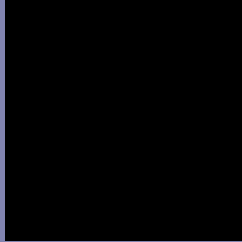
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1410, 24.3042, 44.4404

Background



This preview shows how black text looks on a background with the XYZ color 25.1410, 24.3042, 44.4404.



This preview shows how white text looks on a background with the XYZ color 25.1410, 24.3042,

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

25.1410, 24.3042, 44.4404

Protanopia

24.6293, 24.4355, 45.0134

Deuteranopia

24.8282, 24.3453, 44.4648



Tritanopia

22.4593, 24.2404, 31.5121

Trichromacy



Original Color

25.1410, 24.3042, 44.4404

Protanomaly

24.7808, 24.3094, 44.9811

Deuteranomaly

24.9764, 24.4217, 44.4718

Tritanomaly

23.2930, 24.1565, 35.7828

Monochromacy



Original Color

25.1410, 24.3042, 44.4404

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.9228, 24.5489, 32.7557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1410, 24.3042, 44.4404 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(129, 132, 176)` looks like.

```
.text, #text, p{  
    color:rgb(129, 132, 176)  
}
```

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(129, 132, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 132, 176) }
```

Border

The CSS property to change the border of an element to XYZ 25.1410, 24.3042, 44.4404 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(129, 132, 176) }
```


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

```
.border{ border-color:rgb(129, 132, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 132, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 132, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 132, 176);  
box-shadow:4px 4px 4px 4px rgb(129, 132,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1410, 24.3042, 44.4404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 132, 176) }
```

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

```
.background{ background-color: rgb(129,  
132, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor