

Converting Colors

XYZ(25.3930, 24.4227, 44.9707)

Have a look what the booklet for
XYZ(25.3930, 24.4227, 44.9707)
contains.

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Color

**XYZ(25.3930, 24.4227,
44.9707)**

Conversions

Conversions Part 1

Format	Color
Hex	8284B1
RGB	130, 132, 177
RGB Percent	51%, 52%, 69%
CMY	0.4902, 0.4823, 0.3059
CMYK	0.27, 0.25, 0.00, 0.31
HSL	237°, 23%, 60%
HSV	237°, 27%, 69%
XYZ	25.3930, 24.4227, 44.9707
YIQ	136.5320, -15.6370, 13.5710

Conversions

Conversions Part 2

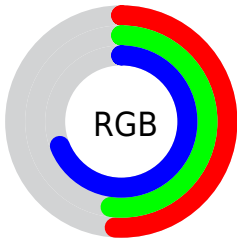
Format	Color
RYB	130, 132, 177
Decimal	8553649
CIELab	56.51, 9.49, -23.93
CIElCh	57, 25.742, 291.638
Yxy	24.4227, 0.2679, 0.2577
Android (android.graphics.Color)	4286743729 (0xFF8284B1)
YUV	136.5320, 19.9507, -5.7286
Hunter-Lab	49.4193, 5.2343, -19.3593

Details

The XYZ color **25.3930, 24.4227, 44.9707** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.4911, 41.6190, 27.1771**, and the grayscale version is **23.5336, 24.7592, 26.9627**.

A 20% lighter version of the original color is **51.8241, 50.7715, 84.1592**, and **9.9558, 9.3040, 20.3399** is the 20% darker color. If you saturate the color by 10%, you get **20.7936, 18.9133, 44.1501**, and if you desaturate by 10%, it is **30.8343, 30.9214, 45.9387**.

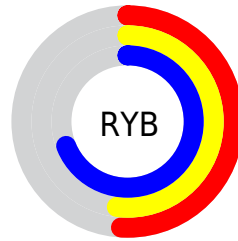
Distribution



Red (51%)

Green (52%)

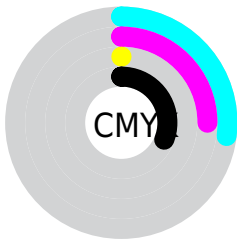
Blue (69%)



Red (51%)

Yellow (52%)

Blue (69%)

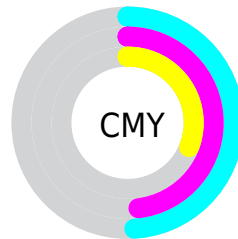


Cyan (27%)

Magenta (25%)

Yellow (0%)

Black (31%)



Cyan (49%)

Magenta (48%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3930, 24.4227, 44.9707 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 25.3930, 24.4227, 44.9707 by changing the saturation by 10% instead.

■ 25.3930, 24.4227,
44.9707

■ 25.3930, 24.4227,
44.9707

272.1012,
274.9506, 382.8115

■ 16.5004, 15.6475,
31.0916

■ 51.7324, 50.7191,
83.9944

■ 9.9720, 9.2750,
20.4095

■ 69.9099, 69.0091,
109.9761

■ 5.4425, 4.9210,
12.5061

■ 91.9130, 91.2394,
140.8290

■ 2.5466, 2.2010,
6.9626

118.1072,
117.7946, 176.9718

■ 0.9188, 0.7205,
3.3606

148.8577,
149.0588, 218.8229

■ 0.0000, 0.0000,
1.2816

184.5300,

■ 0.0000, 0.0000,

185.4167, 266.8008

0.0466

225.4894,
227.2525, 321.3242

■ 0.0000, 0.0000,
0.0000

■ 25.3930, 24.4227,
44.9707

■ 25.3930, 24.4227,
44.9707

■ 20.7936, 18.9133,
44.1501

■ 30.8343, 30.9214,
45.9387

■ 16.9919, 14.3419,
43.4681

■ 37.1541, 38.4516,
47.0591

■ 13.9431, 10.6572,
42.9176

■ 44.3897, 47.0563,
48.3386

■ 11.5971, 7.8016,
42.4900

■ 52.5757, 56.7755,
49.7831

■ 9.8978, 5.7108,
42.1760

■ 61.7447, 67.6470,
51.3983

■ 8.7804, 4.3111,
41.9648

■ 71.9278, 79.7069,
53.1894

■ 8.1611, 3.5113,
41.8430

■ 83.1547, 92.9896,
55.1615

■ 8.0177, 3.3379,
41.8171

■ 84.9359, 95.9544,
55.6399

Harmonies

Analogous

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



22.3889, 24.4227, 46.3805



25.3930, 24.4227, 44.9707



28.0073, 24.4227, 38.1456

Triad

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



25.3930, 24.4227, 44.9707



26.9579, 24.4227, 15.6793



17.9880, 24.4227, 24.2741

Complementary

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



25.3930, 24.4227, 44.9707



37.4911, 41.6190, 27.1771

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.



18.9997, 24.4227, 17.6445



25.3930, 24.4227, 44.9707



24.0572, 24.4227, 13.4259

Square

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



25.3930, 24.4227, 44.9707



28.9633, 24.4227, 20.9831



21.1616, 24.4227, 14.0589



18.2792, 24.4227, 33.1211

Rectangle

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



25.3930, 24.4227, 44.9707



29.0935, 24.4227, 32.1099



21.1616, 24.4227, 14.0589



18.1837, 24.4227, 21.7458

Sweetspot

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



25.3938, 24.4237, 44.9713



64.6408, 66.6025, 83.9439



32.6322, 39.2721, 46.2383



13.6318, 13.9850, 18.1252



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.



25.3938, 24.4237, 44.9713



40.3649, 37.6195, 79.6291



28.7095, 25.7340, 45.0494



8.0700, 8.2862, 10.6804



5.8205, 2.4413, 30.3014



0.1927, 0.0959, 0.9566

Inverse Universe

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



30.2796, 26.9791, 25.4424



50.6456, 43.0471, 38.5254



33.4333, 40.1095, 27.0996



8.5105, 8.5109, 8.9209



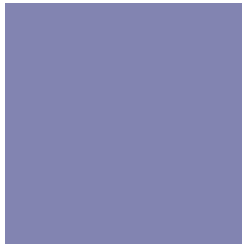
13.1726, 6.7866, 0.8027



0.4193, 0.2155, 0.0507

Previews

White Background



This preview shows how the XYZ color 25.3930, 24.4227, 44.9707 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 25.3930, 24.4227, 44.9707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

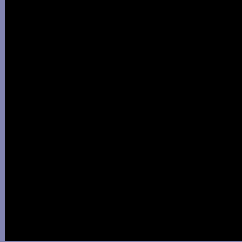
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.3930, 24.4227, 44.9707

Background



This preview shows how black text looks on a background with the XYZ color 25.3930, 24.4227, 44.9707.



This preview shows how white text looks on a background with the XYZ color 25.3930, 24.4227,

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

25.3930, 24.4227, 44.9707

Protanopia

24.7294, 24.4755, 45.5403

Deuteranopia

24.9275, 24.3850, 44.9879



Tritanopia

22.6031, 24.3145, 31.5188

Trichromacy



Original Color

25.3930, 24.4227, 44.9707

Protanomaly

25.0276, 24.4250, 45.5149

Deuteranomaly

25.0757, 24.4614, 44.9949

Tritanomaly

23.5262, 24.2668, 36.2449

Monochromacy



Original Color

25.3930, 24.4227, 44.9707

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.1630, 24.6633, 33.1927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3930, 24.4227, 44.9707 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(130, 132, 177)` looks like.

```
.text, #text, p{  
    color:rgb(130, 132, 177)  
}
```

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(130, 132, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 132, 177) }
```

Border

The CSS property to change the border of an element to XYZ 25.3930, 24.4227, 44.9707 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(130, 132, 177) }
```


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

```
.border{ border-color:rgb(130, 132, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 132, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 132, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 132, 177);  
box-shadow:4px 4px 4px 4px rgb(130, 132,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3930, 24.4227, 44.9707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 132, 177) }
```

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

```
.background{ background-color: rgb(130,  
132, 177) }
```

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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