

Converting Colors

XYZ(25.5382, 24.6845, 44.7392)

Have a look what the booklet for
XYZ(25.5382, 24.6845, 44.7392)
contains.

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Color

**XYZ(25.4299, 24.6555,
44.4930)**

Conversions

Conversions Part 1

Format	Color
Hex	8285B0
RGB	130, 133, 176
RGB Percent	51%, 52%, 69%
CMY	0.4902, 0.4784, 0.3098
CMYK	0.26, 0.24, 0.00, 0.31
HSL	236°, 23%, 60%
HSV	236°, 26%, 69%
XYZ	25.4299, 24.6555, 44.4930
YIQ	137.0050, -15.5910, 12.7370

Conversions

Conversions Part 2

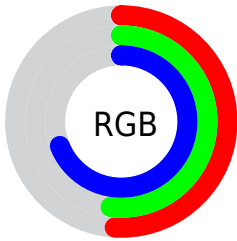
Format	Color
R_{YB}	130, 133, 176
Decimal	8553904
CIE _{Lab}	56.74, 8.66, -23.00
CIE _{LCh}	57, 24.578, 290.626
Yxy	24.6555, 0.2689, 0.2607
Android (android.graphics.Color)	4286743984 (0xFF8285B0)
YUV	137.0050, 19.2245, -6.1434
Hunter-Lab	49.6543, 4.5218, -18.3691

Details

The XYZ color **25.4299, 24.6555, 44.4930** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.8776, 40.7290, 27.0376**, and the grayscale version is **23.7143, 24.9493, 27.1698**.

A 20% lighter version of the original color is **51.8916, 51.1344, 83.4789**, and **9.9699, 9.4330, 20.0342** is the 20% darker color. If you saturate the color by 10%, you get **20.8790, 19.2240, 43.6849**, and if you desaturate by 10%, it is **30.7970, 31.0326, 45.4414**.

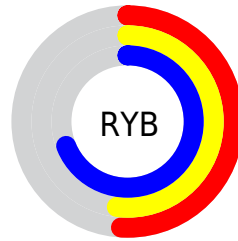
Distribution



Red (51%)

Green (52%)

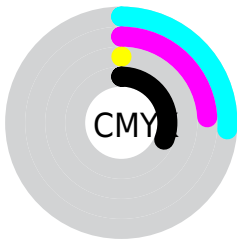
Blue (69%)



Red (51%)

Yellow (52%)

Blue (69%)

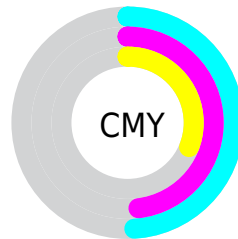


Cyan (26%)

Magenta (24%)

Yellow (0%)

Black (31%)



Cyan (49%)

Magenta (48%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4299, 24.6555, 44.4930 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 25.4299, 24.6555, 44.4930 by changing the saturation by 10% instead.

■ 25.4299, 24.6555,
44.4930

■ 25.4299, 24.6555,
44.4930

272.2805,
276.1179, 380.8164

■ 16.5281, 15.8206,
30.7182

■ 51.7917, 51.0978,
83.2694

■ 9.9918, 9.3973,
20.1277

■ 69.9823, 69.4739,
109.1082

■ 5.4557, 5.0012,
12.3029

■ 92.0000, 91.7993,
139.8054

■ 2.5545, 2.2480,
6.8253

118.2100,
118.4583, 175.7795

■ 0.9228, 0.7460,
3.2763

148.9777,
149.8352, 217.4491

■ 0.0000, 0.0000,
1.2374

184.6684,

■ 0.0000, 0.0000,

186.3145, 265.2328

0.0096

225.6476,
228.2806, 319.5490

■ 0.0000, 0.0000,
0.0000

■ 25.4299, 24.6555,
44.4930

■ 25.4299, 24.6555,
44.4930

■ 20.8790, 19.2240,
43.6849

■ 30.7970, 31.0326,
45.4414

■ 17.1020, 14.6903,
43.0089

■ 37.0149, 38.3941,
46.5346

■ 14.0565, 11.0069,
42.4584

■ 44.1194, 46.7805,
47.7789

■ 11.6949, 8.1206,
42.0258

■ 52.1433, 56.2290,
49.1798

■ 9.9641, 5.9722,
41.7023

■ 61.1179, 66.7748,
50.7423

■ 8.8033, 4.4946,
41.4783

■ 71.0728, 78.4517,
52.4715

■ 8.1354, 3.6060,
41.3420

■ 82.0366, 91.2919,
54.3720

■ 7.9618, 3.3852,
41.3085

■ 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.



22.5481, 24.6555, 45.6243



25.4299, 24.6555, 44.4930



27.9581, 24.6555, 38.1551

Triad

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



25.4299, 24.6555, 44.4930



27.1073, 24.6555, 16.3994



18.4063, 24.6555, 24.3561

Complementary

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



25.4299, 24.6555, 44.4930



36.8776, 40.7290, 27.0376

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.



19.4269, 24.6555, 18.0260



25.4299, 24.6555, 44.4930



24.3435, 24.6555, 14.0897

Square

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



25.4299, 24.6555, 44.4930



28.9800, 24.6555, 21.6604



21.5460, 24.6555, 14.6173



18.6455, 24.6555, 32.7986

Rectangle

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



25.4299, 24.6555, 44.4930



29.0275, 24.6555, 32.4294



21.5460, 24.6555, 14.6173



18.6101, 24.6555, 21.9427

Sweetspot

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



25.4307, 24.6565, 44.4936



64.7449, 66.8108, 83.9786



32.2682, 38.8116, 45.2925



13.6580, 14.0373, 18.1340



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.



25.4307, 24.6565, 44.4936



41.4799, 39.1835, 79.8722



28.3851, 25.5782, 44.5158



8.0850, 8.3162, 10.6854



5.8581, 2.5166, 30.3140



0.1990, 0.1085, 0.9587

Inverse Universe

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



30.1214, 26.8895, 25.7940



51.3710, 43.9596, 40.4263



33.2783, 39.7375, 27.0359



8.5181, 8.5140, 8.9608



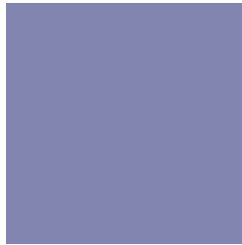
13.1916, 6.7942, 0.9028



0.4225, 0.2167, 0.0673

Previews

White Background



This preview shows how the XYZ color 25.4299, 24.6555, 44.4930 looks on a white background.

Color Contrast Check

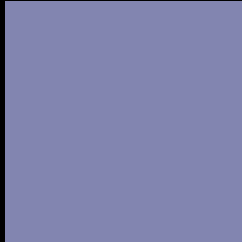
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4299, 24.6555, 44.4930 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 25.4299, 24.6555, 44.4930

Background



This preview shows how black text looks on a background with the XYZ color 25.4299, 24.6555, 44.4930.



This preview shows how white text looks on a background with the XYZ color 25.4299, 24.6555,

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

25.4299, 24.6555, 44.4930

Protanopia

24.9184, 24.5845, 45.0269

Deuteranopia

25.2637, 24.7740, 44.5246



Tritanopia

22.9707, 24.7069, 31.9920

Trichromacy



Original Color

25.4299, 24.6555, 44.4930

Protanomaly

25.2133, 24.7365, 45.0407

Deuteranomaly

25.4148, 24.8519, 44.5317

Tritanomaly

23.8146, 24.6235, 36.2985

Monochromacy



Original Color

25.4299, 24.6555, 44.4930

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.2216, 24.9110, 32.8098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4299, 24.6555, 44.4930 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, 133, 176)` looks like.

```
.text, #text, p{  
    color:rgb(130, 133, 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(130, 133, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 133, 176) }
```

Border

The CSS property to change the border of an element to XYZ 25.4299, 24.6555, 44.4930 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, 133, 176) }
```


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

```
.border{ border-color:rgb(130, 133, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 133, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 133, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 133, 176);  
box-shadow:4px 4px 4px 4px rgb(130, 133,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4299, 24.6555, 44.4930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 133, 176) }
```

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

```
.background{ background-color: rgb(130,  
133, 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](#).

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