

Converting Colors

XYZ(25.1542, 24.9351, 44.0446)

Have a look what the booklet for
XYZ(25.1542, 24.9351, 44.0446)
contains.

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Color

**XYZ(25.1542, 24.9351,
44.0446)**

Conversions

Conversions Part 1

Format	Color
Hex	7F87AF
RGB	127, 135, 175
RGB Percent	50%, 53%, 69%
CMY	0.5020, 0.4706, 0.3137
CMYK	0.27, 0.23, 0.00, 0.31
HSL	230°, 23%, 59%
HSV	230°, 27%, 69%
XYZ	25.1542, 24.9351, 44.0446
YIQ	137.1680, -17.6080, 10.7440

Conversions

Conversions Part 2

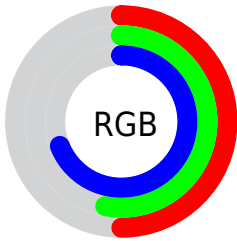
Format	Color
R_{YB}	127, 134, 175
Decimal	8357807
CIE _{Lab}	57.01, 6.31, -22.03
CIE _{LCh}	57, 22.916, 285.981
Yxy	24.9351, 0.2672, 0.2649
Android (android.graphics.Color)	4286547887 (0xFF7F87AF)
YUV	137.1680, 18.6512, -8.9173
Hunter-Lab	49.9351, 2.5309, -17.3415

Details

The XYZ color **25.1542, 24.9351, 44.0446** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **35.3290, 38.2839, 25.6069**, and the grayscale version is **23.7784, 25.0168, 27.2433**.

A 20% lighter version of the original color is **51.4631, 51.5597, 82.8409**, and **9.8219, 9.4799, 19.7245** is the 20% darker color. If you saturate the color by 10%, you get **20.8736, 19.9124, 43.3012**, and if you desaturate by 10%, it is **30.1678, 30.7505, 44.9033**.

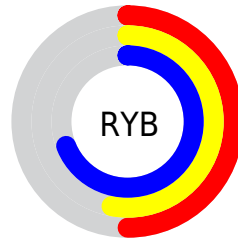
Distribution



Red (50%)

Green (53%)

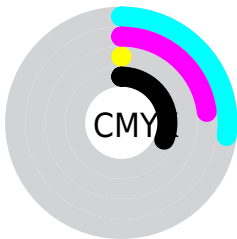
Blue (69%)



Red (50%)

Yellow (53%)

Blue (69%)

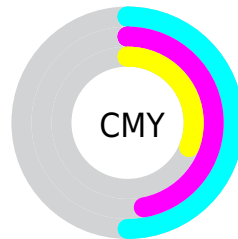


Cyan (27%)

Magenta (23%)

Yellow (0%)

Black (31%)



Cyan (50%)

Magenta (47%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1542, 24.9351, 44.0446 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 25.1542, 24.9351, 44.0446 by changing the saturation by 10% instead.

■ 25.1542, 24.9351,
44.0446

■ 25.1542, 24.9351,
44.0446

270.9385,
277.5146, 378.9369

■ 16.3213, 16.0287,
30.3681

■ 51.3484, 51.5519,
82.5880

■ 9.8441, 9.5445,
19.8638

■ 69.4404, 70.0311,
108.2921

■ 5.3572, 5.0980,
12.1129

■ 91.3494, 92.4701,
138.8424

■ 2.4952, 2.3049,
6.6972

117.4409,
119.2532, 174.6575

■ 0.8928, 0.7763,
3.1979

148.0803,
150.7647, 216.1560

■ 0.0000, 0.0000,
1.1965

183.6327,

■ 0.0000, 0.0000,

187.3892, 263.7564

0.0000

224.4637,
229.5111, 317.8772

■ 25.1542, 24.9351,
44.0446

■ 25.1542, 24.9351,
44.0446

■ 20.8736, 19.9124,
43.3012

■ 30.1678, 30.7505,
44.9033

■ 17.2890, 15.6450,
42.6664

■ 35.9444, 37.3882,
45.8800

■ 14.3636, 12.0966,
42.1357

■ 42.5151, 44.8797,
46.9797

■ 12.0563, 9.2269,
41.7034

■ 49.9086, 53.2540,
48.2064

■ 10.3212, 6.9911,
41.3633

■ 58.1523, 62.5389,
49.5641

■ 9.1057, 5.3394,
41.1085

■ 67.2721, 72.7606,
51.0564

■ 8.3360, 4.2076,
40.9306

■ 77.2928, 83.9445,
52.6870

■ 8.1815, 3.9823,
40.8953

■ 83.6839, 93.7672,
54.2461

■ 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.



22.4679, 24.9351, 44.2262



25.1542, 24.9351, 44.0446



27.6214, 24.9351, 38.8120

Triad

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



25.1542, 24.9351, 44.0446



27.4829, 24.9351, 17.8225



19.0235, 24.9351, 23.7142

Complementary

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



25.1542, 24.9351, 44.0446



35.3290, 38.2839, 25.6069

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.



20.1686, 24.9351, 18.0950



25.1542, 24.9351, 44.0446



24.9765, 24.9351, 15.1556

Square

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



25.1542, 24.9351, 44.0446



29.0338, 24.9351, 23.2691



22.3031, 24.9351, 15.2448



19.0631, 24.9351, 31.4402

Rectangle

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



25.1542, 24.9351, 44.0446



28.7505, 24.9351, 33.6438



22.3031, 24.9351, 15.2448



19.2786, 24.9351, 21.5508

Sweetspot

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



25.1550, 24.9361, 44.0452



63.5931, 66.0658, 82.0371



30.9842, 37.9330, 41.8619



13.7760, 14.2733, 18.1733



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.



25.1550, 24.9361, 44.0452



40.1900, 38.9688, 78.0404



26.5175, 24.0431, 43.8010



7.6828, 7.9650, 10.0852



5.8906, 2.9151, 29.2967



0.1957, 0.1447, 0.8256

Inverse Universe

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



29.6424, 26.0427, 26.3871



49.6499, 41.4975, 40.7713



33.6185, 39.6457, 25.9599



8.0577, 8.0363, 8.6146



12.8370, 6.5973, 1.5209



0.3732, 0.1900, 0.1268

Previews

White Background



This preview shows how the XYZ color 25.1542, 24.9351, 44.0446 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 25.1542, 24.9351, 44.0446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

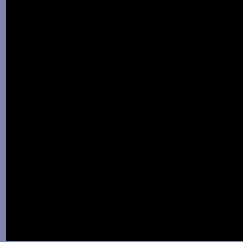
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1542, 24.9351, 44.0446

Background



This preview shows how black text looks on a background with the XYZ color 25.1542, 24.9351, 44.0446.



This preview shows how white text looks on a background with the XYZ color 25.1542, 24.9351,

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

25.1542, 24.9351, 44.0446

Protanopia

25.0060, 24.8587, 44.0377

Deuteranopia

25.4689, 24.8912, 44.0196



Tritanopia

22.8446, 24.8372, 32.8682

Trichromacy



Original Color

25.1542, 24.9351, 44.0446

Protanomaly

25.0060, 24.8587, 44.0377

Deuteranomaly

25.3162, 24.8125, 44.0124

Tritanomaly

23.7458, 25.0001, 36.8317

Monochromacy



Original Color

25.1542, 24.9351, 44.0446

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.0629, 24.8292, 32.8024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1542, 24.9351, 44.0446 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(127, 135, 175)` looks like.

```
.text, #text, p{  
    color:rgb(127, 135, 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(127, 135, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 135, 175) }
```

Border

The CSS property to change the border of an element to XYZ 25.1542, 24.9351, 44.0446 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(127, 135, 175) }
```


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

```
.border{ border-color:rgb(127, 135, 175) }
```

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

Here you see how a box with a 4 pixel rgb(127, 135, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 135, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 135, 175);  
box-shadow:4px 4px 4px 4px rgb(127, 135,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1542, 24.9351, 44.0446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 135, 175) }
```

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

```
.background{ background-color: rgb(127,  
135, 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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