

Converting Colors

XYZ(25.1119, 22.5219, 47.6871)

Have a look what the booklet for
XYZ(25.1119, 22.5219, 47.6871)
contains.

XYZ(25.1459, 22.4903, 47.8155)	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(25.1459, 22.4903,
47.8155)**

Conversions

Conversions Part 1

Format	Color
Hex	847BB7
RGB	132, 123, 183
RGB Percent	52%, 48%, 72%
CMY	0.4823, 0.5176, 0.2823
CMYK	0.28, 0.33, 0.00, 0.28
HSL	249°, 29%, 60%
HSV	249°, 33%, 72%
XYZ	25.1459, 22.4903, 47.8155
YIQ	132.5310, -13.8960, 20.5680

Conversions

Conversions Part 2

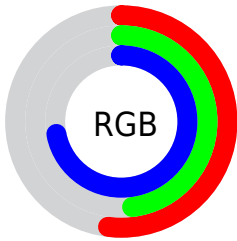
Format	Color
R_{YB}	132, 123, 183
Decimal	8682423
CIE _{Lab}	54.54, 16.91, -30.39
CIE _{LCh}	55, 34.783, 299.098
Yxy	22.4903, 0.2634, 0.2356
Android (android.graphics.Color)	4286872503 (0xFF847BB7)
YUV	132.5310, 24.8812, -0.4657
Hunter-Lab	47.4239, 11.6553, -26.5828

Details

The XYZ color **25.1459, 22.4903, 47.8155** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **37.9647, 44.2962, 25.2888**, and the grayscale version is **22.0409, 23.1888, 25.2526**.

A 20% lighter version of the original color is **51.1597, 47.3310, 88.1008**, and **9.8714, 8.2586, 22.1929** is the 20% darker color. If you saturate the color by 10%, you get **20.8307, 17.2053, 47.0232**, and if you desaturate by 10%, it is **30.2497, 28.8127, 48.7672**.

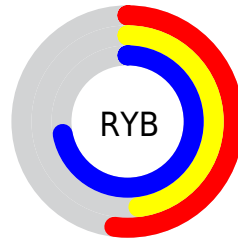
Distribution



Red (52%)

Green (48%)

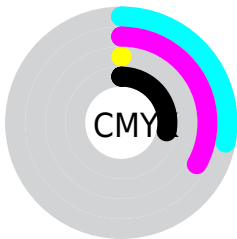
Blue (72%)



Red (52%)

Yellow (48%)

Blue (72%)

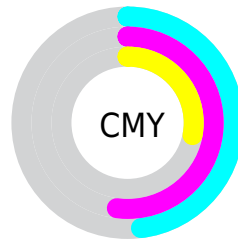


Cyan (28%)

Magenta (33%)

Yellow (0%)

Black (28%)



Cyan (48%)

Magenta (52%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1459, 22.4903, 47.8155 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 25.1459, 22.4903, 47.8155 by changing the saturation by 10% instead.

■ 25.1459, 22.4903,
47.8155

■ 25.1459, 22.4903,
47.8155

270.8980,
265.0962, 394.5479

■ 16.3151, 14.2176,
33.3218

■ 51.3350, 47.5550,
88.2923

■ 9.8397, 8.2722,
22.1000

■ 69.4240, 65.1159,
115.1126

■ 5.3542, 4.2696,
13.7314

■ 91.3298, 86.5415,
146.8788

■ 2.4934, 1.8255,
7.7975

117.4178,
112.2164, 184.0095

■ 0.8920, 0.5030,
3.8797

148.0532,
142.5249, 226.9232

■ 0.0000, 0.0000,
1.5596

183.6015,

■ 0.0000, 0.0000,

177.8515, 276.0385

0.2617

224.4280,
218.5804, 331.7739

■ 0.0000, 0.0000,
0.0000

■ 25.1459, 22.4903,
47.8155

■ 25.1459, 22.4903,
47.8155

■ 20.8307, 17.2053,
47.0232

■ 30.2497, 28.8127,
48.7672

■ 17.2621, 12.8994,
46.3802

■ 36.1766, 36.2214,
49.8849

■ 14.3976, 9.5127,
45.8775

■ 42.9620, 44.7651,
51.1764

■ 12.1896, 6.9773,
45.5044

■ 50.6383, 54.4891,
52.6487

■ 10.5841, 5.2159,
45.2491

■ 59.2364, 65.4360,
54.3085

■ 9.5182, 4.1369,
45.0970

■ 68.7856, 77.6463,
56.1620

■ 9.0113, 3.6581,
45.0313

■ 79.3139, 91.1586,
58.2152

■ 85.5473, 96.1989,
58.8596

Harmonies

Analogous

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



21.2610, 22.4903, 52.0742



25.1459, 22.4903, 47.8155



28.3089, 22.4903, 36.9404

Triad

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



25.1459, 22.4903, 47.8155



25.3696, 22.4903, 10.5229



14.8484, 22.4903, 24.1587

Complementary

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



25.1459, 22.4903, 47.8155



37.9647, 44.2962, 25.2888

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.



15.6795, 22.4903, 15.2053



25.1459, 22.4903, 47.8155



21.4921, 22.4903, 8.9156

Square

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



25.1459, 22.4903, 47.8155



28.4485, 22.4903, 15.6263



18.0037, 22.4903, 10.3355



15.5857, 22.4903, 36.1917

Rectangle

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



25.1459, 22.4903, 47.8155



29.4193, 22.4903, 28.6806



18.0037, 22.4903, 10.3355



14.9517, 22.4903, 20.7255

Sweetspot

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



25.1467, 22.4912, 47.8160



67.8248, 68.6814, 89.9178



31.8523, 37.9026, 50.4373



14.6193, 14.7159, 19.7915



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.1467, 22.4912, 47.8160



39.5878, 33.5942, 84.6335



30.5312, 25.2670, 48.0680



8.6432, 8.7824, 11.3191



6.3237, 2.5712, 31.4161



0.2629, 0.1112, 1.1094

Inverse Universe

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



34.2519, 27.2899, 43.5070



58.4055, 43.5205, 75.3296



32.0109, 41.2269, 25.0101



9.3215, 9.1390, 11.0402



17.8031, 8.6950, 22.6477



0.6435, 0.3129, 0.8821

Previews

White Background



This preview shows how the XYZ color 25.1459, 22.4903, 47.8155 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 25.1459, 22.4903, 47.8155 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 25.1459, 22.4903, 47.8155

Background



This preview shows how black text looks on a background with the XYZ color 25.1459, 22.4903, 47.8155.



This preview shows how white text looks on a background with the XYZ color 25.1459, 22.4903,

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

25.1459, 22.4903, 47.8155

Protanopia

23.3709, 22.4709, 50.1193

Deuteranopia

23.1038, 22.5886, 47.3983



Tritanopia

21.3110, 22.4707, 28.8053

Trichromacy



Original Color

25.1459, 22.4903, 47.8155

Protanomaly

23.9315, 22.3888, 49.5145

Deuteranomaly

23.7786, 22.5492, 47.3551

Tritanomaly

22.5574, 22.3847, 35.0301

Monochromacy



Original Color

25.1459, 22.4903, 47.8155

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.1090, 22.9214, 32.4845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1459, 22.4903, 47.8155 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(132, 123, 183)` looks like.

```
.text, #text, p{  
    color:rgb(132, 123, 183)  
}
```

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(132, 123, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 123, 183) }
```

Border

The CSS property to change the border of an element to XYZ 25.1459, 22.4903, 47.8155 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(132, 123, 183) }
```


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

```
.border{ border-color:rgb(132, 123, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 123, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 123, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 123, 183);  
box-shadow:4px 4px 4px 4px rgb(132, 123,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1459, 22.4903, 47.8155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 123, 183) }
```

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

```
.background{ background-color: rgb(132,  
123, 183) }
```

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