

Converting Colors

XYZ(25.2623, 22.5487, 39.5801)

Have a look what the booklet for
XYZ(25.2623, 22.5487, 39.5801)
contains.

XYZ(25.2623, 22.5487, 39.5801)	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(25.2623, 22.5487,
39.5801)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7AA7
RGB	143, 122, 167
RGB Percent	56%, 48%, 65%
CMY	0.4392, 0.5216, 0.3451
CMYK	0.14, 0.27, 0.00, 0.35
HSL	268°, 20%, 57%
HSV	268°, 27%, 65%
XYZ	25.2623, 22.5487, 39.5801
YIQ	133.4090, -1.9290, 18.4470

Conversions

Conversions Part 2

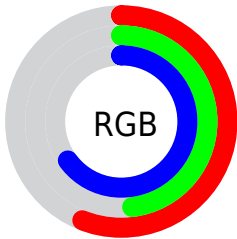
Format	Color
RYB	143, 122, 167
Decimal	9403047
CIELab	54.60, 17.15, -21.00
CIElCh	55, 27.115, 309.225
Yxy	22.5487, 0.2891, 0.2580
Android (android.graphics.Color)	4287593127 (0xFF8F7AA7)
YUV	133.4090, 16.5604, 8.4113
Hunter-Lab	47.4855, 11.8625, -16.1796

Details

The XYZ color **25.2623, 22.5487, 39.5801** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **29.1863, 35.1541, 23.6604**, and the grayscale version is **22.3860, 23.5518, 25.6479**.

A 20% lighter version of the original color is **51.5407, 47.8042, 75.6179**, and **9.8907, 8.2782, 17.2962** is the 20% darker color. If you saturate the color by 10%, you get **21.9043, 18.0312, 38.8855**, and if you desaturate by 10%, it is **29.0966, 27.8360, 40.3989**.

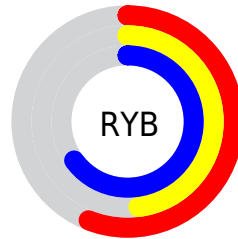
Distribution



Red (56%)

Green (48%)

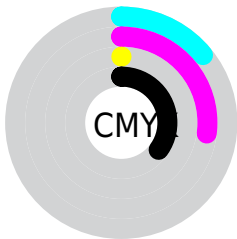
Blue (65%)



Red (56%)

Yellow (48%)

Blue (65%)

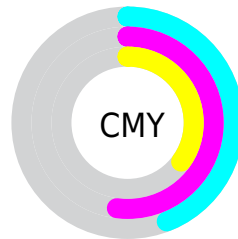


Cyan (14%)

Magenta (27%)

Yellow (0%)

Black (35%)



Cyan (44%)

Magenta (52%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2623, 22.5487, 39.5801 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 25.2623, 22.5487, 39.5801 by changing the saturation by 10% instead.

■ 25.2623, 22.5487,
39.5801

■ 25.2623, 22.5487,
39.5801

271.4653,
265.3985, 359.8499

■ 16.4024, 14.2606,
26.9000

■ 51.5223, 47.6512,
75.7538

■ 9.9020, 8.3022,
17.2664

■ 69.6530, 65.2345,
100.0844

■ 5.3958, 4.2889,
10.2606

■ 91.6047, 86.6849,
129.1357

■ 2.5184, 1.8364,
5.4642

117.7427,
112.3869, 163.3261

■ 0.9046, 0.5097,
2.4587

148.4325,
142.7248, 203.0741

■ 0.0000, 0.0000,
0.8181

184.0392,

■ 0.0000, 0.0000,

178.0832, 248.7985

0.0000

224.9284,
218.8462, 300.9175

■ 25.2623, 22.5487,
39.5801

■ 25.2623, 22.5487,
39.5801

■ 21.9043, 18.0312,
38.8855

■ 29.0966, 27.8360,
40.3989

■ 18.9995, 14.2430,
38.3074

■ 33.4244, 33.9250,
41.3461

■ 16.5262, 11.1445,
37.8397

■ 38.2648, 40.8495,
42.4276

■ 14.4595, 8.6908,
37.4750

■ 43.6351, 48.6402,
43.6483

■ 12.7721, 6.8314,
37.2050

■ 49.5518, 57.3263,
45.0130

■ 11.4322, 5.5081,
37.0202

■ 56.0306, 66.9359,
46.5264

■ 10.3943, 4.6349,
36.9064

■ 63.0866, 77.4954,
48.1927

■ 10.1116, 4.4069,
36.8773

■ 70.5414, 88.6447,
49.9518

■ 73.2166, 90.0238,
50.0770

Harmonies

Analogous

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



22.3634, 22.5487, 44.5669



25.2623, 22.5487, 39.5801



27.2465, 22.5487, 30.8428

Triad

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



25.2623, 22.5487, 39.5801



23.5287, 22.5487, 12.1852



16.2601, 22.5487, 27.2768

Complementary

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



25.2623, 22.5487, 39.5801



29.1863, 35.1541, 23.6604

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.



16.5096, 22.5487, 19.1801



25.2623, 22.5487, 39.5801



20.5266, 22.5487, 11.6573

Square

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



25.2623, 22.5487, 39.5801



26.1829, 22.5487, 15.5698



18.0096, 22.5487, 13.9093



17.2934, 22.5487, 36.4562

Rectangle

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



25.2623, 22.5487, 39.5801



27.6853, 22.5487, 24.7743



18.0096, 22.5487, 13.9093



16.1990, 22.5487, 24.3304

Sweetspot

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



25.2630, 22.5496, 39.5806



58.8824, 59.3704, 73.8315



25.3967, 27.7181, 40.5712



12.9135, 12.9135, 16.4641



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.2630, 22.5496, 39.5806



41.7524, 35.6600, 70.1577



29.4003, 24.6825, 39.7742



7.4521, 7.4657, 9.4666



7.7930, 3.4009, 28.2212



0.2490, 0.1134, 0.6894

Inverse Universe

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



28.0849, 24.2107, 30.3878



47.7273, 39.1791, 50.6045



25.6807, 33.3469, 23.4964



7.6920, 7.6067, 8.6955



13.6016, 6.8493, 7.9795



0.3564, 0.1768, 0.3283

Previews

White Background



This preview shows how the XYZ color 25.2623, 22.5487, 39.5801 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 25.2623, 22.5487, 39.5801 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 25.2623, 22.5487, 39.5801

Background



This preview shows how black text looks on a background with the XYZ color 25.2623, 22.5487, 39.5801.



This preview shows how white text looks on a background with the XYZ color 25.2623, 22.5487,

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

25.2623, 22.5487, 39.5801

Protanopia

22.9044, 22.6010, 42.1850

Deuteranopia

23.0596, 22.5515, 39.2139



Tritanopia

22.7878, 22.6766, 27.2207

Trichromacy



Original Color

25.2623, 22.5487, 39.5801

Protanomaly

23.6186, 22.4132, 41.1116

Deuteranomaly

23.8595, 22.5804, 39.1773

Tritanomaly

23.7009, 22.6671, 31.5598

Monochromacy



Original Color

25.2623, 22.5487, 39.5801

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.2776, 23.0632, 30.0128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2623, 22.5487, 39.5801 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(143, 122, 167)` looks like.

```
.text, #text, p{  
    color:rgb(143, 122, 167)  
}
```

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(143, 122, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 122, 167) }
```

Border

The CSS property to change the border of an element to XYZ 25.2623, 22.5487, 39.5801 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(143, 122, 167) }
```


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

```
.border{ border-color:rgb(143, 122, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 122, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 122, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 122, 167);  
box-shadow:4px 4px 4px 4px rgb(143, 122,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2623, 22.5487, 39.5801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 122, 167) }
```

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

```
.background{ background-color: rgb(143,  
122, 167) }
```

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