

Converting Colors

XYZ(25.8959, 23.3333, 44.2141)

Have a look what the booklet for
XYZ(25.8959, 23.3333, 44.2141)
contains.

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Color

**XYZ(25.8175, 23.2908,
44.2091)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7DB0
RGB	139, 125, 176
RGB Percent	55%, 49%, 69%
CMY	0.4549, 0.5098, 0.3098
CMYK	0.21, 0.29, 0.00, 0.31
HSL	256°, 24%, 59%
HSV	256°, 29%, 69%
XYZ	25.8175, 23.2908, 44.2091
YIQ	135.0000, -8.0270, 18.8290

Conversions

Conversions Part 2

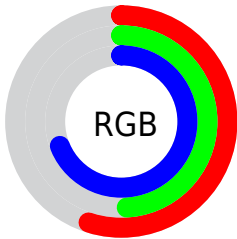
Format	Color
RYB	139, 125, 176
Decimal	9141680
CIELab	55.37, 16.18, -25.04
CIELCh	55, 29.817, 302.867
Yxy	23.2908, 0.2767, 0.2496
Android (android.graphics.Color)	4287331760 (0xFF8B7DB0)
YUV	135.0000, 20.2130, 3.5080
Hunter-Lab	48.2605, 11.0346, -20.5303

Details

The XYZ color **25.8175, 23.2908, 44.2091** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **34.1281, 40.2133, 25.3663**, and the grayscale version is **22.9593, 24.1550, 26.3048**.

A 20% lighter version of the original color is **52.4782, 49.0044, 83.0368**, and **10.1841, 8.6737, 19.8763** is the 20% darker color. If you saturate the color by 10%, you get **21.7749, 18.1876, 43.4375**, and if you desaturate by 10%, it is **30.5055, 29.3139, 45.1250**.

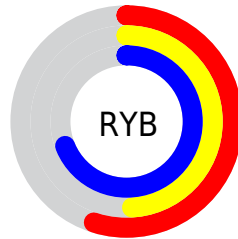
Distribution



Red (55%)

Green (49%)

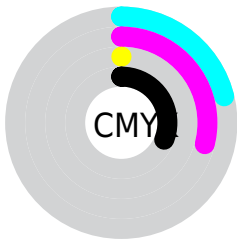
Blue (69%)



Red (55%)

Yellow (49%)

Blue (69%)

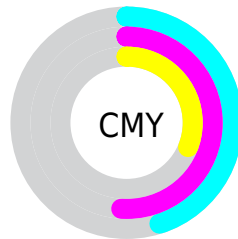


Cyan (21%)

Magenta (29%)

Yellow (0%)

Black (31%)



Cyan (45%)

Magenta (51%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8175, 23.2908, 44.2091 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 25.8175, 23.2908, 44.2091 by changing the saturation by 10% instead.

■ 25.8175, 23.2908,
44.2091

■ 25.8175, 23.2908,
44.2091

274.1582,
269.2151, 379.6272

■ 16.8191, 14.8084,
30.4965

■ 52.4138, 48.8704,
82.8381

■ 10.2001, 8.6850,
19.9605

■ 70.7424, 66.7363,
108.5917

■ 5.5951, 4.5363,
12.1826

■ 92.9118, 88.4989,
139.1959

■ 2.6388, 1.9779,
6.7441

119.2874,
114.5425, 175.0695

■ 0.9658, 0.5946,
3.2266

150.2344,
145.2515, 216.6308

■ 0.0000, 0.0000,
1.2115

186.1184,

■ 0.0000, 0.0000,

181.0104, 264.2985

0.0000

227.3045,
222.2034, 318.4911

■ 25.8175, 23.2908,
44.2091

■ 25.8175, 23.2908,
44.2091

■ 21.7749, 18.1876,
43.4375

■ 30.5055, 29.3139,
45.1250

■ 18.3460, 13.9553,
42.8013

■ 35.8640, 36.2968,
46.1904

■ 15.4997, 10.5447,
42.2931

■ 41.9197, 44.2806,
47.4122

■ 13.2014, 7.9005,
41.9038

■ 48.6967, 53.3030,
48.7966

■ 11.4121, 5.9601,
41.6236

■ 56.2185, 63.3998,
50.3490

■ 10.0873, 4.6508,
41.4407

■ 64.5070, 74.6052,
52.0750

■ 9.1528, 3.8422,
41.3339

■ 73.5836, 86.9516,
53.9797

■ 9.0702, 3.7706,
41.3244

■ 79.9246, 93.3824,
54.8868

■ 84.4412, 95.7108,
55.0982

Harmonies

Analogous

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



22.4608, 23.2908, 48.5870



25.8175, 23.2908, 44.2091



28.3742, 23.2908, 34.7304

Triad

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



25.8175, 23.2908, 44.2091



25.2045, 23.2908, 12.2371



16.3105, 23.2908, 26.2931

Complementary

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



25.8175, 23.2908, 44.2091



34.1281, 40.2133, 25.3663

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.



16.8885, 23.2908, 17.8472



25.8175, 23.2908, 44.2091



21.8168, 23.2908, 11.0442

Square

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



25.8175, 23.2908, 44.2091



27.9959, 23.2908, 16.6131



18.8244, 23.2908, 12.8132



17.1588, 23.2908, 36.7376

Rectangle

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



25.8175, 23.2908, 44.2091



29.1584, 23.2908, 27.7183



18.8244, 23.2908, 12.8132



16.3446, 23.2908, 23.1389

Sweetspot

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



25.8183, 23.2917, 44.2096



64.8572, 65.5837, 83.7359



29.2856, 33.4771, 45.9929



13.7396, 13.7991, 18.0837



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.



25.8183, 23.2917, 44.2096



41.8313, 35.9185, 79.2235



30.5013, 25.7059, 44.4288



8.2537, 8.3393, 10.6810



6.7045, 2.7921, 30.3226



0.2685, 0.1175, 0.9568

Inverse Universe

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



31.7604, 26.5069, 37.6259



54.5658, 42.8178, 64.7100



29.5279, 37.8418, 25.1510



8.7485, 8.6061, 10.1741



16.0063, 7.9201, 15.7248



0.5267, 0.2584, 0.6161

Previews

White Background



This preview shows how the XYZ color 25.8175, 23.2908, 44.2091 looks on a white background.

Color Contrast Check

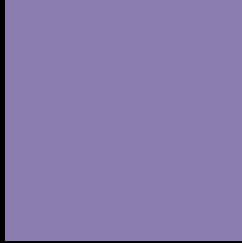
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8175, 23.2908, 44.2091 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 25.8175, 23.2908, 44.2091

Background



This preview shows how black text looks on a background with the XYZ color 25.8175, 23.2908, 44.2091.



This preview shows how white text looks on a background with the XYZ color 25.8175, 23.2908,

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

25.8175, 23.2908, 44.2091

Protanopia

23.8257, 23.3794, 46.4369

Deuteranopia

23.8802, 23.4653, 43.8281



Tritanopia

22.8066, 23.4421, 28.9139

Trichromacy



Original Color

25.8175, 23.2908, 44.2091

Protanomaly

24.5911, 23.3908, 45.8666

Deuteranomaly

24.4902, 23.3849, 43.7804

Tritanomaly

23.6747, 23.1845, 33.7991

Monochromacy



Original Color

25.8175, 23.2908, 44.2091

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.7747, 23.6688, 32.1696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8175, 23.2908, 44.2091 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(139, 125, 176)` looks like.

```
.text, #text, p{  
    color:rgb(139, 125, 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(139, 125, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 125, 176) }
```

Border

The CSS property to change the border of an element to XYZ 25.8175, 23.2908, 44.2091 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(139, 125, 176) }
```


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

```
.border{ border-color:rgb(139, 125, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 125, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 125, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 125, 176);  
box-shadow:4px 4px 4px 4px rgb(139, 125,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8175, 23.2908, 44.2091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 125, 176) }
```

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

```
.background{ background-color: rgb(139,  
125, 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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