

Converting Colors

XYZ(25.2103, 13.8056, 22.8087)

Have a look what the booklet for
XYZ(25.2103, 13.8056, 22.8087)
contains.

XYZ(25.2103, 13.8056, 22.8087)	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(25.2103, 13.8056,
22.8087)**

Conversions

Conversions Part 1

Format	Color
Hex	BA2B83
RGB	186, 43, 131
RGB Percent	73%, 17%, 51%
CMY	0.2706, 0.8313, 0.4863
CMYK	0.00, 0.77, 0.30, 0.27
HSL	323°, 62%, 45%
HSV	323°, 77%, 73%
XYZ	25.2103, 13.8056, 22.8087
YIQ	95.7890, 56.9800, 57.6840

Conversions

Conversions Part 2

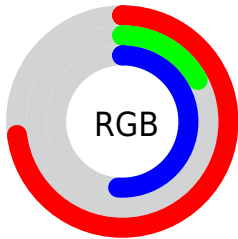
Format	Color
R_{YB}	186, 43, 131
Decimal	12200835
CIE _{Lab}	43.95, 62.84, -15.41
CIE _{LCh}	44, 64.700, 346.218
Yxy	13.8056, 0.4078, 0.2233
Android (android.graphics.Color)	4290390915 (0xFFBA2B83)
YUV	95.7890, 17.3590, 79.1150
Hunter-Lab	37.1559, 56.0896, -10.3869

Details

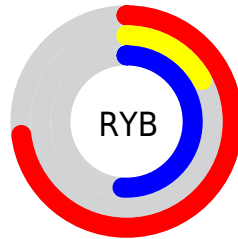
The XYZ color **25.2103, 13.8056, 22.8087** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **20.7607, 36.5137, 17.5115**, and the grayscale version is **11.0180, 11.5918, 12.6235**.

A 20% lighter version of the original color is **51.5080, 32.7540, 48.9548**, and **10.4251, 5.1984, 8.4366** is the 20% darker color. If you saturate the color by 10%, you get **24.2132, 12.5608, 20.1660**, and if you desaturate by 10%, it is **26.5499, 15.6816, 25.7310**.

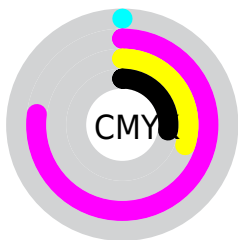
Distribution



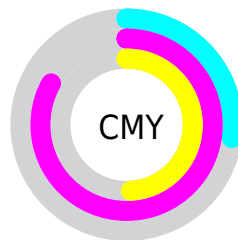
- Red (73%)
- Green (17%)
- Blue (51%)



- Red (73%)
- Yellow (17%)
- Blue (51%)



- Cyan (0%)
- Magenta (77%)
- Yellow (30%)
- Black (27%)





- Cyan (27%)
- Magenta (83%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2103, 13.8056, 22.8087 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 25.2103, 13.8056, 22.8087 by changing the saturation by 10% instead.


 25.2103, 13.8056,
22.8087


 25.2103, 13.8056,
22.8087


271.2120,
216.0181, 279.8309


 16.3634, 7.9856,
14.2483

 51.4386, 32.7437,
48.9982

 9.8741, 4.0857,
8.1529


 69.5507, 46.6306,
67.4645


 5.3772, 1.7216,
4.1038

 91.4819, 63.9752,
90.0698

 2.5073, 0.4376,
1.6824

 117.5976, 85.1619,
117.2327

 0.8989, 0.0000,
0.3487

 148.2631,
110.5752, 149.3717

 0.0000, 0.0000,
0.0000

 183.8438,

140.5994, 186.9054

224.7049,
175.6189, 230.2523

■ 25.2103, 13.8056,
22.8087

■ 25.2103, 13.8056,
22.8087

■ 24.2132, 12.5608,
20.1660

■ 26.5499, 15.6816,
25.7310

■ 23.5056, 11.8424,
17.7816

■ 28.2685, 18.2612,
28.9480

■ 23.3130, 11.6644,
17.0789

■ 30.3992, 21.6092,
32.4739

■ 32.9707, 25.7823,
36.3213

■ 36.0094, 30.8320,
40.5021

■ 39.5392, 36.8055,
45.0270

■ 43.5825, 43.7466,
49.9064

■ 48.1603, 51.6963,
55.1500

■ 53.2923, 60.6931,
60.7671

Harmonies

Analogous

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



21.6014, 13.8056, 44.2418



25.2103, 13.8056, 22.8087



25.0430, 13.8056, 8.4462

Triad

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



25.2103, 13.8056, 22.8087



10.5571, 13.8056, 0.9547



7.4155, 13.8056, 46.0080

Complementary

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



25.2103, 13.8056, 22.8087



20.7607, 36.5137, 17.5115

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.



5.7509, 13.8056, 24.3742



25.2103, 13.8056, 22.8087



7.2148, 13.8056, 2.7388

Square

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



25.2103, 13.8056, 22.8087



15.6125, 13.8056, 0.9049



5.6885, 13.8056, 9.2605



10.9111, 13.8056, 62.4883

Rectangle

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



25.2103, 13.8056, 22.8087



22.7876, 13.8056, 3.7616



5.6885, 13.8056, 9.2605



6.6683, 13.8056, 38.6387

Sweetspot

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



25.2107, 13.8063, 22.8089



67.4021, 59.4749, 76.2073



14.7451, 7.8605, 47.1945



14.3551, 12.2761, 16.1424



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.2107, 13.8063, 22.8089



42.9885, 21.8183, 33.6315



21.9215, 12.4906, 5.4880



9.2306, 9.1026, 10.5615



15.7218, 7.8625, 11.6876



0.5835, 0.2889, 0.5661

Inverse Universe

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



25.2107, 13.8063, 22.8089



42.9885, 21.8183, 33.6315



25.7469, 38.5082, 43.7686



9.2306, 9.1026, 10.5615



15.7218, 7.8625, 11.6876



0.5835, 0.2889, 0.5661

Previews

White Background



This preview shows how the XYZ color 25.2103, 13.8056, 22.8087 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

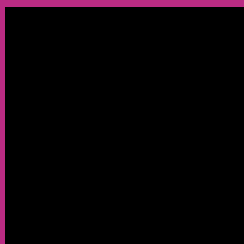
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.2103, 13.8056, 22.8087

Background



This preview shows how black text looks on a background with the XYZ color 25.2103, 13.8056, 22.8087.



This preview shows how white text looks on a background with the XYZ color 25.2103, 13.8056,

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

25.2103, 13.8056, 22.8087

Protanopia

15.3919, 14.2523, 41.9841

Deuteranopia

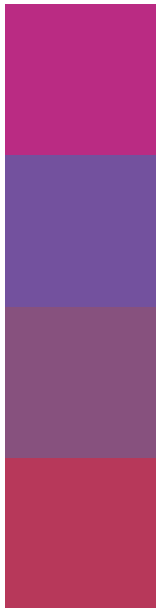
14.2704, 13.9970, 20.6884



Tritanopia

21.8467, 13.7840, 6.8193

Trichromacy



Original Color

25.2103, 13.8056, 22.8087

Protanomaly

16.1842, 11.9983, 33.8107

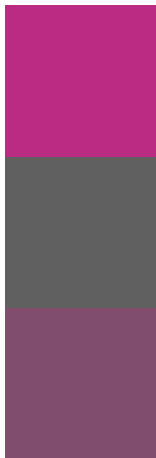
Deuteranomaly

16.7000, 12.5421, 21.2793

Tritanomaly

22.7881, 13.6338, 11.1034

Monochromacy



Original Color

25.2103, 13.8056, 22.8087

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

14.4675, 11.0790, 15.8439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2103, 13.8056, 22.8087 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(186, 43, 131)` looks like.

```
.text, #text, p{  
    color:rgb(186, 43, 131)  
}
```

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(186, 43, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 43, 131) }
```

Border

The CSS property to change the border of an element to XYZ 25.2103, 13.8056, 22.8087 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(186, 43, 131) }
```


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

```
.border{ border-color:rgb(186, 43, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 43, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 43, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 43, 131);  
box-shadow:4px 4px 4px 4px rgb(186, 43,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2103, 13.8056, 22.8087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 43, 131) }
```

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

```
.background{ background-color: rgb(186, 43,  
131) }
```

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