

Converting Colors

XYZ(26.0629, 14.0596, 22.2229)

Have a look what the booklet for
XYZ(26.0629, 14.0596, 22.2229)
contains.

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Color

**XYZ(25.9232, 13.9832,
22.1016)**

Conversions

Conversions Part 1

Format	Color
Hex	BE2781
RGB	190, 39, 129
RGB Percent	75%, 15%, 51%
CMY	0.2549, 0.8470, 0.4941
CMYK	0.00, 0.79, 0.32, 0.25
HSL	324°, 66%, 45%
HSV	324°, 79%, 75%
XYZ	25.9232, 13.9832, 22.1016
YIQ	94.4090, 61.1060, 60.0020

Conversions

Conversions Part 2

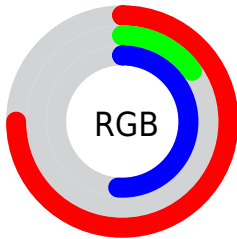
Format	Color
R_{YB}	190, 39, 129
Decimal	12461953
CIE _{Lab}	44.21, 64.73, -13.73
CIE _{LCh}	44, 66.175, 348.024
Yxy	13.9832, 0.4181, 0.2255
Android (android.graphics.Color)	4290652033 (0xFFBE2781)
YUV	94.4090, 17.0534, 83.8333
Hunter-Lab	37.3941, 58.3041, -8.8672

Details

The XYZ color **25.9232, 13.9832, 22.1016** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **21.5514, 38.1789, 18.2929**, and the grayscale version is **10.6881, 11.2448, 12.2455**.

A 20% lighter version of the original color is **52.5215, 33.0088, 47.8591**, and **10.9637, 5.4847, 8.0702** is the 20% darker color. If you saturate the color by 10%, you get **24.9567, 12.8363, 19.3559**, and if you desaturate by 10%, it is **27.2411, 15.7713, 25.1538**.

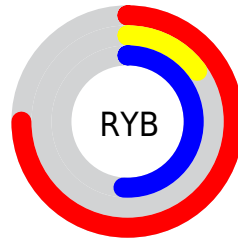
Distribution



Red (75%)

Green (15%)

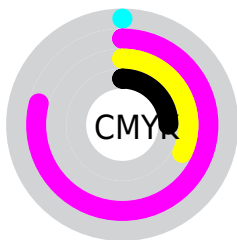
Blue (51%)



Red (75%)

Yellow (15%)

Blue (51%)

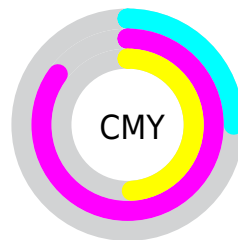


Cyan (0%)

Magenta (79%)

Yellow (32%)

Black (25%)



Cyan (25%)


Magenta (85%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9232, 13.9832, 22.1016 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 25.9232, 13.9832, 22.1016 by changing the saturation by 10% instead.


 25.9232, 13.9832,
22.1016


 25.9232, 13.9832,
22.1016


274.6685,
217.1263, 276.0472


 16.8986, 8.1090,
13.7325


 52.5832, 33.0592,
47.8182

 10.2571, 4.1648,
7.7983


 70.9493, 47.0298,
66.0028


 5.6333, 1.7662,
3.8802

 93.1599, 64.4680,
88.2964

 2.6619, 0.4659,
1.5599

 119.5804, 85.7581,
115.1174

 0.9776, 0.0000,
0.2619

 150.5762,
111.2846, 146.8845

 0.0000, 0.0000,
0.0000

 186.5126,

141.4319, 184.0161

227.7549,
176.5843, 226.9308

■ 25.9232, 13.9832,
22.1016

■ 25.9232, 13.9832,
22.1016

■ 24.9567, 12.8363,
19.3559

■ 27.2411, 15.7713,
25.1538

■ 24.2635, 12.1760,
16.8862

■ 28.9510, 18.2810,
28.5297

■ 24.2294, 12.1448,
16.7607

■ 31.0890, 21.5830,
32.2454

■ 33.6867, 25.7390,
36.3150

■ 36.7723, 30.8047,
40.7518

■ 40.3718, 36.8308,
45.5679

■ 44.5094, 43.8644,
50.7748

■ 49.2076, 51.9495,
56.3835

■ 54.4876, 61.1273,
62.4044

Harmonies

Analogous

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



22.3722, 13.9832, 44.1821



25.9232, 13.9832, 22.1016



25.4922, 13.9832, 7.8763

Triad

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



25.9232, 13.9832, 22.1016



10.3865, 13.9832, 0.9295



7.5846, 13.9832, 48.7506

Complementary

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



25.9232, 13.9832, 22.1016



21.5514, 38.1789, 18.2929

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.



5.7775, 13.9832, 26.1284



25.9232, 13.9832, 22.1016



7.0746, 13.9832, 2.8741

Square

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



25.9232, 13.9832, 22.1016



15.5138, 13.9832, 0.8032



5.6196, 13.9832, 9.9474



11.2906, 13.9832, 65.1627

Rectangle

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



25.9232, 13.9832, 22.1016



23.0160, 13.9832, 3.4106



5.6196, 13.9832, 9.9474



6.7827, 13.9832, 41.1260

Sweetspot

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



25.9236, 13.9840, 22.1018



69.8304, 61.1458, 78.1934



15.2104, 7.8451, 49.4279



14.8302, 12.5861, 16.4884



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



25.9236, 13.9840, 22.1018



44.3190, 22.3905, 31.8708



22.6296, 12.6664, 4.7558



9.7623, 9.6292, 11.1375



16.1508, 8.0915, 11.3538



0.6642, 0.3296, 0.6111

Inverse Universe

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



25.9236, 13.9840, 22.1018



44.3190, 22.3905, 31.8708



26.9788, 40.3498, 46.8730



9.7623, 9.6292, 11.1375



16.1508, 8.0915, 11.3538



0.6642, 0.3296, 0.6111

Previews

White Background



This preview shows how the XYZ color 25.9232, 13.9832, 22.1016 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



This preview shows how the XYZ color 25.9232, 13.9832, 22.1016 looks on a 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 25.9232, 13.9832, 22.1016

Background



This preview shows how black text looks on a background with the XYZ color 25.9232, 13.9832, 22.1016.



This preview shows how white text looks on a background with the XYZ color 25.9232, 13.9832,

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

25.9232, 13.9832, 22.1016

Protanopia

15.5508, 14.3343, 41.9916

Deuteranopia

14.4858, 14.2691, 20.0799



Tritanopia

22.6017, 14.0219, 6.3657

Trichromacy



Original Color

25.9232, 13.9832, 22.1016

Protanomaly

16.5114, 12.0575, 33.8048

Deuteranomaly

16.9880, 12.5958, 20.6047

Tritanomaly

23.5281, 13.8156, 10.6591

Monochromacy



Original Color

25.9232, 13.9832, 22.1016

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

14.1559, 10.6262, 15.2149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9232, 13.9832, 22.1016 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(190, 39, 129)` looks like.

```
.text, #text, p{  
    color:rgb(190, 39, 129)  
}
```

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(190, 39, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 39, 129) }
```

Border

The CSS property to change the border of an element to XYZ 25.9232, 13.9832, 22.1016 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(190, 39, 129) }
```


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

```
.border{ border-color:rgb(190, 39, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 39, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 39, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 39, 129);  
box-shadow:4px 4px 4px 4px rgb(190, 39,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9232, 13.9832, 22.1016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 39, 129) }
```

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

```
.background{ background-color: rgb(190, 39,  
129) }
```

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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