

Converting Colors

XYZ(24.5751, 13.0536, 26.7459)

Have a look what the booklet for
XYZ(24.5751, 13.0536, 26.7459)
contains.

XYZ(24.5694, 13.0385, 26.8129)	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(24.5694, 13.0385,
26.8129)**

Conversions

Conversions Part 1

Format	Color
Hex	B5248E
RGB	181, 36, 142
RGB Percent	71%, 14%, 56%
CMY	0.2902, 0.8588, 0.4431
CMYK	0.00, 0.80, 0.22, 0.29
HSL	316°, 67%, 43%
HSV	316°, 80%, 71%
XYZ	24.5694, 13.0385, 26.8129
YIQ	91.4390, 52.3940, 63.7060

Conversions

Conversions Part 2

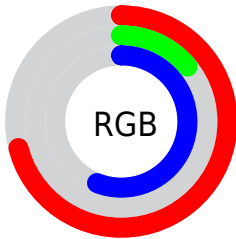
Format	Color
R_{YB}	181, 36, 142
Decimal	11871374
CIE _{Lab}	42.82, 64.97, -23.94
CIE _{LCh}	43, 69.241, 339.769
Yxy	13.0385, 0.3814, 0.2024
Android (android.graphics.Color)	4290061454 (0xFFB5248E)
YUV	91.4390, 24.9266, 78.5450
Hunter-Lab	36.1089, 58.2655, -18.7500

Details

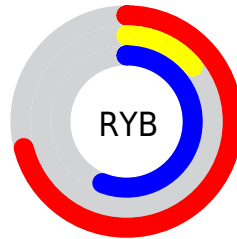
The XYZ color **24.5694, 13.0385, 26.8129** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **18.5222, 33.9313, 12.2316**, and the grayscale version is **9.9816, 10.5014, 11.4360**.

A 20% lighter version of the original color is **50.2667, 31.2462, 55.6063**, and **10.2005, 5.0404, 10.3328** is the 20% darker color. If you saturate the color by 10%, you get **23.7958, 12.0634, 24.7908**, and if you desaturate by 10%, it is **25.6366, 14.5749, 29.0119**.

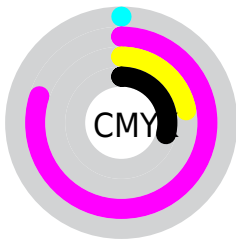
Distribution



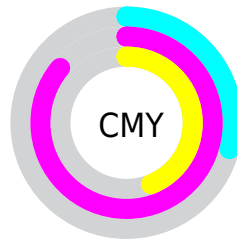
- Red (71%)
- Green (14%)
- Blue (56%)



- Red (71%)
- Yellow (14%)
- Blue (56%)



- Cyan (0%)
- Magenta (80%)
- Yellow (22%)
- Black (29%)





- Cyan (29%)
- Magenta (86%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5694, 13.0385, 26.8129 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 24.5694, 13.0385, 26.8129 by changing the saturation by 10% instead.


 24.5694, 13.0385,
26.8129


 24.5694, 13.0385,
26.8129

268.0740,
211.1643, 300.4815


 15.8836, 7.4551,
17.2016


 50.4057, 31.3729,
55.5836

 9.5321, 3.7483,
10.2148


 68.2869, 44.8927,
75.5800


 5.1497, 1.5338,
5.4342

 89.9640, 61.8267,
99.8752

 2.3710, 0.3123,
2.4410

 115.8022, 82.5594,
128.8877

 0.8306, 0.0000,
0.8087

 146.1670,
107.4751, 163.0360

 0.0000, 0.0000,
0.0000

 181.4236,

136.9582, 202.7387

221.9375,
171.3931, 248.4144

■ 24.5694, 13.0385,
26.8129

■ 24.5694, 13.0385,
26.8129

■ 23.7958, 12.0634,
24.7908

■ 25.6366, 14.5749,
29.0119

■ 23.2425, 11.4984,
22.9370

■ 27.0331, 16.7442,
31.4003

■ 28.7908, 19.6095,
33.9898

■ 30.9371, 23.2257,
36.7906

■ 33.4969, 27.6422,
39.8118

■ 36.4930, 32.9041,
43.0619

■ 39.9464, 39.0533,
46.5488

■ 43.8768, 46.1287,
50.2800

■ 48.3026, 54.1669,
54.2624

Harmonies

Analogous

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



20.0885, 13.0385, 50.3277



24.5694, 13.0385, 26.8129



25.3334, 13.0385, 9.8122

Triad

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



24.5694, 13.0385, 26.8129



10.7485, 13.0385, 0.3910



6.1122, 13.0385, 42.1048

Complementary

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



24.5694, 13.0385, 26.8129



18.5222, 33.9313, 12.2316

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.



4.8381, 13.0385, 19.7244



24.5694, 13.0385, 26.8129



6.9663, 13.0385, 1.5236

Square

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



24.5694, 13.0385, 26.8129



16.2458, 13.0385, 0.6194



5.0985, 13.0385, 6.3286



9.2028, 13.0385, 62.6926

Rectangle

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



24.5694, 13.0385, 26.8129



23.4605, 13.0385, 4.1003



5.0985, 13.0385, 6.3286



5.5035, 13.0385, 34.0815

Sweetspot

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



24.5698, 13.0392, 26.8131



62.9546, 54.6913, 74.5708



11.8479, 6.0813, 44.2656



13.2062, 11.1185, 15.6793



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



24.5698, 13.0392, 26.8131



41.8728, 20.8547, 41.8732



20.7878, 11.5264, 6.8973



8.7505, 8.6069, 10.1847



16.0529, 7.9387, 15.9704



0.5278, 0.2589, 0.6223

Inverse Universe

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



24.5698, 13.0392, 26.8131



41.8728, 20.8547, 41.8732



22.5316, 35.5350, 33.3449



8.7505, 8.6069, 10.1847



16.0529, 7.9387, 15.9704



0.5278, 0.2589, 0.6223

Previews

White Background



This preview shows how the XYZ color 24.5694, 13.0385, 26.8129 looks on a white background.

Color Contrast Check

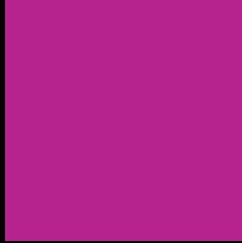
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5694, 13.0385, 26.8129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

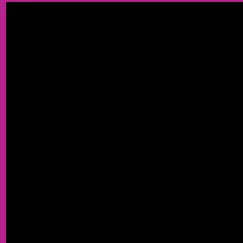
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.5694, 13.0385, 26.8129

Background



This preview shows how black text looks on a background with the XYZ color 24.5694, 13.0385, 26.8129.



This preview shows how white text looks on a background with the XYZ color 24.5694, 13.0385,

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

24.5694, 13.0385, 26.8129

Protanopia

15.4445, 13.4863, 51.6583

Deuteranopia

13.5796, 13.2685, 24.3996



Tritanopia

20.4698, 13.0742, 6.7549

Trichromacy



Original Color

24.5694, 13.0385, 26.8129



Protanomaly

15.4800, 10.9342, 41.3390



Deuteranomaly

15.7734, 11.5495, 25.0648



Tritanomaly

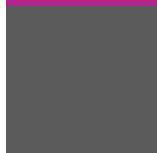
21.4249, 12.7015, 11.9121

Monochromacy



Original Color

24.5694, 13.0385, 26.8129



Achromatopsia

9.9438, 10.4616, 11.3927



Achromatomaly

13.3799, 9.9174, 15.9609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5694, 13.0385, 26.8129 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(181, 36, 142)` looks like.

```
.text, #text, p{  
    color:rgb(181, 36, 142)  
}
```

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(181, 36, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 36, 142) }
```

Border

The CSS property to change the border of an element to XYZ 24.5694, 13.0385, 26.8129 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(181, 36, 142) }
```


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

```
.border{ border-color:rgb(181, 36, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 36, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 36, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 36, 142); box-shadow:4px 4px 4px 4px rgb(181, 36, 142) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5694, 13.0385, 26.8129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 36, 142) }
```

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

```
.background{ background-color: rgb(181, 36,  
142) }
```

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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