

Converting Colors

XYZ(25.2753, 14.7173, 29.6084)

Have a look what the booklet for
XYZ(25.2753, 14.7173, 29.6084)
contains.

XYZ(25.2694, 14.7310, 29.5285)	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(25.2694, 14.7310,
29.5285)**

Conversions

Conversions Part 1

Format	Color
Hex	B23B94
RGB	178, 59, 148
RGB Percent	70%, 23%, 58%
CMY	0.3020, 0.7686, 0.4196
CMYK	0.00, 0.67, 0.17, 0.30
HSL	315°, 50%, 46%
HSV	315°, 67%, 70%
XYZ	25.2694, 14.7310, 29.5285
YIQ	104.7270, 42.3550, 52.9070

Conversions

Conversions Part 2

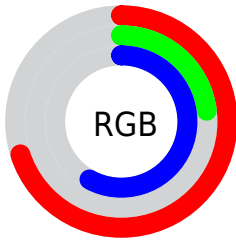
Format	Color
R_{YB}	178, 59, 148
Decimal	11680660
CIE _{Lab}	45.26, 57.44, -23.83
CIE _{LCh}	45, 62.186, 337.468
Yxy	14.7310, 0.3634, 0.2119
Android (android.graphics.Color)	4289870740 (0xFFB23B94)
YUV	104.7270, 21.3336, 64.2604
Hunter-Lab	38.3810, 50.3547, -18.7482

Details

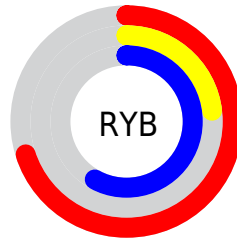
The XYZ color **25.2694, 14.7310, 29.5285** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **19.5280, 33.4925, 14.8880**, and the grayscale version is **13.2904, 13.9825, 15.2270**.

A 20% lighter version of the original color is **51.3835, 34.3586, 59.8008**, and **10.1837, 5.0006, 11.7377** is the 20% darker color. If you saturate the color by 10%, you get **24.1572, 13.0640, 27.4391**, and if you desaturate by 10%, it is **26.7082, 17.0287, 31.7950**.

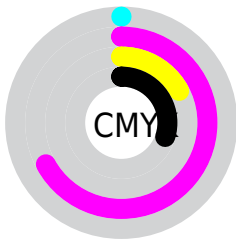
Distribution



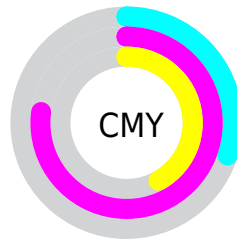
- Red (70%)
- Green (23%)
- Blue (58%)



- Red (70%)
- Yellow (23%)
- Blue (58%)



- Cyan (0%)
- Magenta (67%)
- Yellow (17%)
- Black (30%)





- Cyan (30%)
- Magenta (77%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2694, 14.7310, 29.5285 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 25.2694, 14.7310, 29.5285 by changing the saturation by 10% instead.


 25.2694, 14.7310,
29.5285


 25.2694, 14.7310,
29.5285


271.4999,
221.7322, 313.8391


 16.4077, 8.6308,
19.2320


 51.5337, 34.3806,
59.9679


 9.9058, 4.5012,
11.6595


 69.6670, 48.6988,
80.9478


 5.3983, 1.9577,
6.3926

 91.6215, 66.5251,
106.3260

 2.5199, 0.5827,
3.0126

 117.7626, 88.2439,
136.5209

 0.9053, 0.0000,
1.1011

 148.4556,
114.2396, 171.9512

 0.0000, 0.0000,
0.0000

184.0659,

144.8966, 213.0352

224.9589,
180.5994, 260.1917

■ 25.2694, 14.7310,
29.5285

■ 25.2694, 14.7310,
29.5285

■ 24.1572, 13.0640,
27.4391

■ 26.7082, 17.0287,
31.7950

■ 23.3368, 11.9589,
25.5140

■ 28.5008, 20.0122,
34.2480

■ 22.7618, 11.3230,
23.7372

■ 30.6733, 23.7328,
36.8971

■ 22.6025, 11.1620,
23.1985

■ 33.2488, 28.2366,
39.7507

■ 36.2485, 33.5657,
42.8165

■ 39.6920, 39.7594,
46.1019

■ 43.5978, 46.8542,
49.6137

■ 47.9832, 54.8847,
53.3582

■ 52.8649, 63.8836,
57.3419

Harmonies

Analogous

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



20.9218, 14.7310, 50.6670



25.2694, 14.7310, 29.5285



26.2774, 14.7310, 12.6322

Triad

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



25.2694, 14.7310, 29.5285



12.7547, 14.7310, 1.1569



7.5264, 14.7310, 40.1810

Complementary

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



25.2694, 14.7310, 29.5285



19.5280, 33.4925, 14.8880

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.



6.3054, 14.7310, 20.0104



25.2694, 14.7310, 29.5285



8.8049, 14.7310, 2.4250

Square

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



25.2694, 14.7310, 29.5285



18.1442, 14.7310, 1.5229



6.7081, 14.7310, 7.4488



10.5426, 14.7310, 59.0143

Rectangle

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



25.2694, 14.7310, 29.5285



24.7395, 14.7310, 6.1999



6.7081, 14.7310, 7.4488



6.9309, 14.7310, 32.9758

Sweetspot

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



25.2699, 14.7317, 29.5288



63.7427, 57.3163, 75.6565



13.6965, 8.4546, 43.0300



13.7867, 12.1023, 16.4191



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.



25.2699, 14.7317, 29.5288



43.0711, 22.6636, 48.1404



21.7174, 13.3107, 10.8218



8.7567, 8.6094, 10.2170



16.1985, 7.9969, 16.7369



0.5315, 0.2603, 0.6415

Inverse Universe

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



25.2699, 14.7317, 29.5288



43.0711, 22.6636, 48.1404



23.0898, 34.9172, 33.6444



8.7567, 8.6094, 10.2170



16.1985, 7.9969, 16.7369



0.5315, 0.2603, 0.6415

Previews

White Background



This preview shows how the XYZ color 25.2694, 14.7310, 29.5285 looks on a white background.

Color Contrast Check

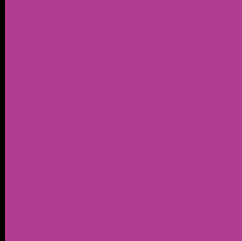
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2694, 14.7310, 29.5285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

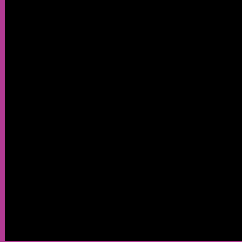
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.2694, 14.7310, 29.5285

Background



This preview shows how black text looks on a background with the XYZ color 25.2694, 14.7310, 29.5285.



This preview shows how white text looks on a background with the XYZ color 25.2694, 14.7310,

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

25.2694, 14.7310, 29.5285

Protanopia

16.6622, 15.0648, 48.4840

Deuteranopia

15.2173, 14.9405, 27.2811



Tritanopia

21.2285, 14.7029, 9.9027

Trichromacy



Original Color

25.2694, 14.7310, 29.5285

Protanomaly

17.4917, 13.3375, 40.6822

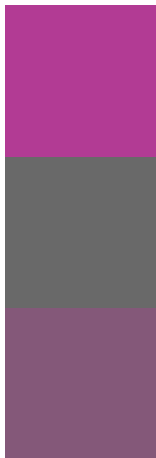
Deuteranomaly

17.5085, 13.7476, 28.1163

Tritanomaly

22.2996, 14.4405, 15.5219

Monochromacy



Original Color

25.2694, 14.7310, 29.5285

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

16.4566, 13.2655, 19.7823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2694, 14.7310, 29.5285 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(178, 59, 148)` looks like.

```
.text, #text, p{  
    color:rgb(178, 59, 148)  
}
```

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(178, 59, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 59, 148) }
```

Border

The CSS property to change the border of an element to XYZ 25.2694, 14.7310, 29.5285 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(178, 59, 148) }
```


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

```
.border{ border-color:rgb(178, 59, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 59, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 59, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 59, 148);  
box-shadow:4px 4px 4px 4px rgb(178, 59,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2694, 14.7310, 29.5285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 59, 148) }
```

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

```
.background{ background-color: rgb(178, 59,  
148) }
```

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