

Converting Colors

XYZ(25.2160, 15.0355, 33.2892)

Have a look what the booklet for
XYZ(25.2160, 15.0355, 33.2892)
contains.

XYZ(25.1528, 14.9853, 33.4651)	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(25.1528, 14.9853,
33.4651)**

Conversions

Conversions Part 1

Format	Color
Hex	AD409D
RGB	173, 64, 157
RGB Percent	68%, 25%, 62%
CMY	0.3216, 0.7490, 0.3843
CMYK	0.00, 0.63, 0.09, 0.32
HSL	309°, 46%, 46%
HSV	309°, 63%, 68%
XYZ	25.1528, 14.9853, 33.4651
YIQ	107.1930, 35.1110, 52.0310

Conversions

Conversions Part 2

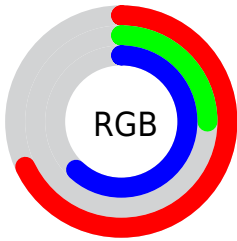
Format	Color
R_{YB}	173, 64, 157
Decimal	11354269
CIE _{Lab}	45.61, 55.43, -28.74
CIE _{LCh}	46, 62.440, 332.595
Yxy	14.9853, 0.3417, 0.2036
Android (android.graphics.Color)	4289544349 (0xFFAD409D)
YUV	107.1930, 24.5549, 57.7127
Hunter-Lab	38.7109, 48.2383, -24.1579

Details

The XYZ color **25.1528, 14.9853, 33.4651** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **18.5066, 31.5569, 12.7061**, and the grayscale version is **13.9564, 14.6832, 15.9900**.

A 20% lighter version of the original color is **51.4355, 34.9360, 66.3197**, and **9.8859, 4.8018, 13.7704** is the 20% darker color. If you saturate the color by 10%, you get **24.1098, 13.2423, 32.0588**, and if you desaturate by 10%, it is **26.5039, 17.3366, 34.9966**.

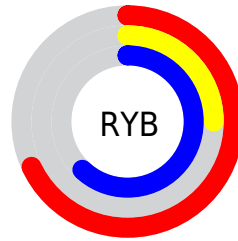
Distribution



Red (68%)

Green (25%)

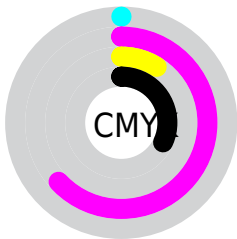
Blue (62%)



Red (68%)

Yellow (25%)

Blue (62%)

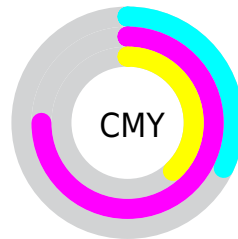


Cyan (0%)

Magenta (63%)

Yellow (9%)

Black (32%)



Cyan (32%)

Magenta (75%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1528, 14.9853, 33.4651 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 25.1528, 14.9853, 33.4651 by changing the saturation by 10% instead.

■ 25.1528, 14.9853,
33.4651

■ 25.1528, 14.9853,
33.4651

270.9317,
223.2772, 332.4364

■ 16.3203, 8.8091,
22.2090

■ 51.3461, 34.8274,
66.2253

■ 9.8434, 4.6169,
13.8107

■ 69.4376, 49.2620,
88.5665

■ 5.3567, 2.0243,
7.8519

■ 91.3461, 67.2183,
115.4398

■ 2.4949, 0.6215,
3.9139

■ 117.4370, 89.0805,
147.2637

■ 0.8927, 0.0000,
1.5782

■ 148.0757,
115.2331, 184.4567

■ 0.0000, 0.0000,
0.2752

183.6274,

■ 0.0000, 0.0000,

146.0605, 227.4375

0.0000

224.4576,
181.9471, 276.6246

■ 25.1528, 14.9853,
33.4651

■ 25.1528, 14.9853,
33.4651

■ 24.1098, 13.2423,
32.0588

■ 26.5039, 17.3366,
34.9966

■ 23.3442, 12.0475,
30.7670

■ 28.1870, 20.3448,
36.6609

■ 22.8219, 11.3320,
29.5782

■ 30.2252, 24.0560,
38.4662

■ 22.5479, 11.0100,
28.7900

■ 32.6392, 28.5115,
40.4194

■ 35.4482, 33.7495,
42.5269

■ 38.6698, 39.8055,
44.7949

■ 42.3209, 46.7128,
47.2291

■ 46.4171, 54.5030,
49.8348

■ 50.9735, 63.2058,
52.6171

Harmonies

Analogous

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



20.3692, 14.9853, 54.5413



25.1528, 14.9853, 33.4651



26.8205, 14.9853, 15.0482

Triad

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



25.1528, 14.9853, 33.4651



13.7931, 14.9853, 1.1480



7.3451, 14.9853, 37.2408

Complementary

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



25.1528, 14.9853, 33.4651



18.5066, 31.5569, 12.7061

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.



6.3799, 14.9853, 17.6540



25.1528, 14.9853, 33.4651



9.4878, 14.9853, 2.0988

Square

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



25.1528, 14.9853, 33.4651



19.3855, 14.9853, 1.7841



7.0564, 14.9853, 6.3333



10.1014, 14.9853, 57.5054

Rectangle

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



25.1528, 14.9853, 33.4651



25.6770, 14.9853, 7.5707



7.0564, 14.9853, 6.3333



6.8357, 14.9853, 30.0550

Sweetspot

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



25.1533, 14.9860, 33.4654



60.2176, 54.3399, 73.7414



12.5627, 8.3270, 40.4808



12.7957, 11.2680, 15.8031



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.1533, 14.9860, 33.4654



42.5283, 22.6767, 56.3905



21.5646, 13.5505, 14.5676



8.2858, 8.1276, 9.8157



16.5810, 8.0949, 21.2365



0.4748, 0.2306, 0.6619

Inverse Universe

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



25.1533, 14.9860, 33.4654



42.5283, 22.6767, 56.3905



21.2945, 32.6721, 27.3872



8.2858, 8.1276, 9.8157



16.5810, 8.0949, 21.2365



0.4748, 0.2306, 0.6619

Previews

White Background



This preview shows how the XYZ color 25.1528, 14.9853, 33.4651 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 25.1528, 14.9853, 33.4651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

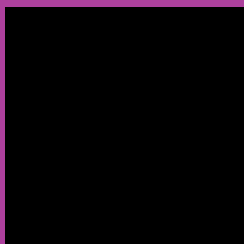
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.1528, 14.9853, 33.4651

Background



This preview shows how black text looks on a background with the XYZ color 25.1528, 14.9853, 33.4651.



This preview shows how white text looks on a background with the XYZ color 25.1528, 14.9853,

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

25.1528, 14.9853, 33.4651

Protanopia

17.1636, 15.3873, 52.5175

Deuteranopia

15.4820, 15.1503, 30.9625



Tritanopia

20.6223, 15.0148, 11.2624

Trichromacy



Original Color

25.1528, 14.9853, 33.4651



Protanomaly

17.9232, 13.8416, 44.9071



Deuteranomaly

17.6592, 13.9930, 31.9072



Tritanomaly

21.9839, 14.8188, 17.6212

Monochromacy



Original Color

25.1528, 14.9853, 33.4651



Achromatopsia

13.9749, 14.7027, 16.0113



Achromatomaly

16.8028, 13.7881, 21.1778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1528, 14.9853, 33.4651 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(173, 64, 157)` looks like.

```
.text, #text, p{  
    color:rgb(173, 64, 157)  
}
```

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(173, 64, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 64, 157) }
```

Border

The CSS property to change the border of an element to XYZ 25.1528, 14.9853, 33.4651 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(173, 64, 157) }
```


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

```
.border{ border-color:rgb(173, 64, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 64, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 64, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 64, 157); box-shadow:4px 4px 4px 4px rgb(173, 64, 157) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1528, 14.9853, 33.4651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 64, 157) }
```

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

```
.background{ background-color: rgb(173, 64,  
157) }
```

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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