

Converting Colors

XYZ(24.9426, 15.4054, 25.3258)

Have a look what the booklet for
XYZ(24.9426, 15.4054, 25.3258)
contains.

XYZ(24.9426, 15.4054, 25.3258)	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(24.9426, 15.4054,
25.3258)**

Conversions

Conversions Part 1

Format	Color
Hex	B24489
RGB	178, 68, 137
RGB Percent	70%, 27%, 54%
CMY	0.3020, 0.7333, 0.4627
CMYK	0.00, 0.62, 0.23, 0.30
HSL	322°, 45%, 48%
HSV	322°, 62%, 70%
XYZ	24.9426, 15.4054, 25.3258
YIQ	108.7560, 43.4110, 44.7790

Conversions

Conversions Part 2

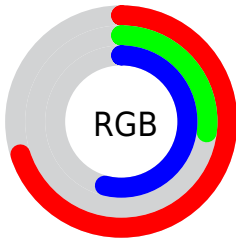
Format	Color
R_{YB}	178, 68, 137
Decimal	11682953
CIE _{Lab}	46.18, 52.08, -15.78
CIE _{LCh}	46, 54.416, 343.139
Yxy	15.4054, 0.3798, 0.2346
Android (android.graphics.Color)	4289873033 (0xFFB24489)
YUV	108.7560, 13.9243, 60.7270
Hunter-Lab	39.2497, 44.7471, -10.7820

Details

The XYZ color **24.9426, 15.4054, 25.3258** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **21.0655, 34.1744, 19.9558**, and the grayscale version is **14.4207, 15.1717, 16.5220**.

A 20% lighter version of the original color is **50.8459, 35.4696, 52.8817**, and **9.7463, 4.8257, 9.4346** is the 20% darker color. If you saturate the color by 10%, you get **23.5635, 13.3854, 22.5896**, and if you desaturate by 10%, it is **26.6787, 18.0922, 28.3257**.

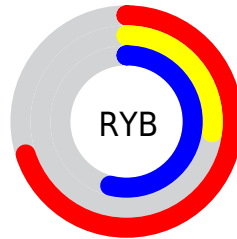
Distribution



Red (70%)

Green (27%)

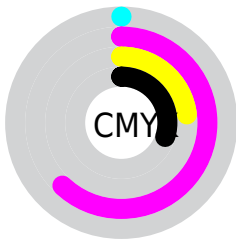
Blue (54%)



Red (70%)

Yellow (27%)

Blue (54%)

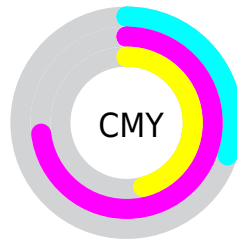


Cyan (0%)

Magenta (62%)

Yellow (23%)

Black (30%)



Cyan (30%)


Magenta (73%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9426, 15.4054, 25.3258 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 24.9426, 15.4054, 25.3258 by changing the saturation by 10% instead.


 24.9426, 15.4054,
25.3258


 24.9426, 15.4054,
25.3258


269.9049,
225.8071, 292.9560


 16.1628, 9.1044,
16.0987


 51.0077, 35.5628,
53.1559


 9.7310, 4.8093,
9.4389


 69.0236, 50.1880,
72.5961


 5.2819, 2.1358,
4.9279

 90.8490, 68.3568,
96.2777

 2.4500, 0.6847,
2.1470

 116.8492, 90.4534,
124.6192

 0.8701, 0.0000,
0.6435

 147.3895,
116.8624, 158.0393

 0.0000, 0.0000,
0.0000

182.8353,

147.9680, 196.9564

223.5520,
184.1548, 241.7892

■ 24.9426, 15.4054,
25.3258

■ 24.9426, 15.4054,
25.3258

■ 23.5635, 13.3854,
22.5896

■ 26.6787, 18.0922,
28.3257

■ 22.5088, 11.9685,
20.1034

■ 28.7978, 21.4973,
31.6000

■ 21.7420, 11.0823,
17.8523

■ 31.3248, 25.6698,
35.1596

■ 21.2654, 10.6271,
16.1580

■ 34.2821, 30.6538,
39.0145

■ 37.6905, 36.4900,
43.1738

■ 41.5694, 43.2164,
47.6463

■ 45.9369, 50.8686,
52.4404

■ 50.8103, 59.4804,
57.5638

■ 56.2058, 69.0837,
63.0242

Harmonies

Analogous

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



21.6259, 15.4054, 43.1648



24.9426, 15.4054, 25.3258



25.1570, 15.4054, 11.6121

Triad

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



24.9426, 15.4054, 25.3258



12.7073, 15.4054, 2.1698



9.0514, 15.4054, 40.9997

Complementary

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



24.9426, 15.4054, 25.3258



21.0655, 34.1744, 19.9558

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.



7.5617, 15.4054, 23.2753



24.9426, 15.4054, 25.3258



9.3518, 15.4054, 4.1872

Square

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



24.9426, 15.4054, 25.3258



17.3843, 15.4054, 2.2815



7.6585, 15.4054, 10.4030



12.2051, 15.4054, 55.0111

Rectangle

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



24.9426, 15.4054, 25.3258



23.4512, 15.4054, 6.3272



7.6585, 15.4054, 10.4030



8.3724, 15.4054, 34.9686

Sweetspot

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



24.9431, 15.4062, 25.3261



63.6148, 58.0518, 72.5578



16.3289, 10.5587, 43.2971



13.7265, 12.2360, 15.6155



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.



24.9431, 15.4062, 25.3261



42.0002, 23.2596, 39.3427



21.9764, 14.2195, 9.7037



8.7130, 8.5919, 9.9871



15.2468, 7.6163, 11.7255



0.5068, 0.2505, 0.5116

Inverse Universe

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



24.9431, 15.4062, 25.3261



42.0002, 23.2596, 39.3427



24.9457, 35.7265, 40.3888



8.7130, 8.5919, 9.9871



15.2468, 7.6163, 11.7255



0.5068, 0.2505, 0.5116

Previews

White Background



This preview shows how the XYZ color 24.9426, 15.4054, 25.3258 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 24.9426, 15.4054, 25.3258 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 24.9426, 15.4054, 25.3258

Background



This preview shows how black text looks on a background with the XYZ color 24.9426, 15.4054, 25.3258.



This preview shows how white text looks on a background with the XYZ color 24.9426, 15.4054,

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

24.9426, 15.4054, 25.3258

Protanopia

16.5541, 15.6888, 38.7150

Deuteranopia

16.0148, 15.7433, 23.6674



Tritanopia

21.7820, 15.2934, 10.6080

Trichromacy



Original Color

24.9426, 15.4054, 25.3258

Protanomaly

17.9411, 14.3666, 33.2799

Deuteranomaly

18.1397, 14.6731, 24.0664

Tritanomaly

22.8134, 15.3028, 15.1159

Monochromacy



Original Color

24.9426, 15.4054, 25.3258

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

17.1640, 14.4056, 19.3287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9426, 15.4054, 25.3258 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, 68, 137)` looks like.

```
.text, #text, p{  
    color:rgb(178, 68, 137)  
}
```

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, 68, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 68, 137) }
```

Border

The CSS property to change the border of an element to XYZ 24.9426, 15.4054, 25.3258 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, 68, 137) }
```


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

```
.border{ border-color:rgb(178, 68, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 68, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 68, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 68, 137);  
box-shadow:4px 4px 4px 4px rgb(178, 68,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9426, 15.4054, 25.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 68, 137) }
```

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

```
.background{ background-color: rgb(178, 68,  
137) }
```

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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