

Converting Colors

XYZ(25.7479, 14.3947, 52.4603)

Have a look what the booklet for
XYZ(25.7479, 14.3947, 52.4603)
contains.

XYZ(25.7479, 14.3947, 52.4603)	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(25.7479, 14.3947,
52.4603)**

Conversions

Conversions Part 1

Format	Color
Hex	A03AC2
RGB	160, 58, 194
RGB Percent	63%, 23%, 76%
CMY	0.3725, 0.7725, 0.2392
CMYK	0.18, 0.70, 0.00, 0.24
HSL	285°, 54%, 49%
HSV	285°, 70%, 76%
XYZ	25.7479, 14.3947, 52.4603
YIQ	104.0020, 17.1360, 63.9200

Conversions

Conversions Part 2

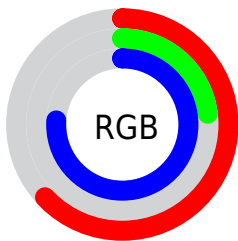
Format	Color
R_{YB}	160, 58, 194
Decimal	10500802
CIE _{Lab}	44.79, 61.48, -51.97
CIE _{LCh}	45, 80.506, 319.790
Yxy	14.3947, 0.2780, 0.1554
Android (android.graphics.Color)	4288690882 (0xFFA03AC2)
YUV	104.0020, 44.3690, 49.1102
Hunter-Lab	37.9403, 54.7419, -55.4223

Details

The XYZ color **25.7479, 14.3947, 52.4603** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **24.4694, 41.1646, 10.6593**, and the grayscale version is **13.0411, 13.7203, 14.9414**.

A 20% lighter version of the original color is **52.2312, 33.6807, 95.0149**, and **10.3691, 4.8071, 24.8075** is the 20% darker color. If you saturate the color by 10%, you get **23.9971, 12.3038, 52.1492**, and if you desaturate by 10%, it is **27.9061, 17.2429, 52.8965**.

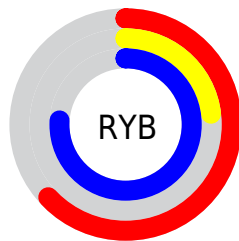
Distribution



Red (63%)

Green (23%)

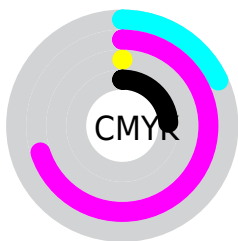
Blue (76%)



Red (63%)

Yellow (23%)

Blue (76%)

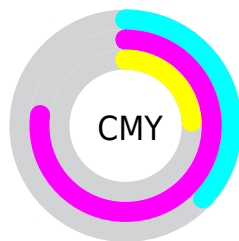


Cyan (18%)

Magenta (70%)

Yellow (0%)

Black (24%)



Cyan (37%)

Magenta (77%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7479, 14.3947, 52.4603 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 25.7479, 14.3947, 52.4603 by changing the saturation by 10% instead.

■ 25.7479, 14.3947,
52.4603

■ 25.7479, 14.3947,
52.4603

273.8218,
219.6726, 413.2185

■ 16.7668, 8.3957,
36.9873

■ 52.3022, 33.7877,
95.2432

■ 10.1627, 4.3492,
24.9020

■ 70.6061, 47.9506,
123.3902

■ 5.5700, 1.8707,
15.7857

■ 92.7483, 65.6035,
156.5990

■ 2.6236, 0.5307,
9.2199

■ 119.0942, 87.1308,
195.2881

■ 0.9580, 0.0000,
4.7861

■ 150.0092,
112.9170, 239.8761

■ 0.0000, 0.0000,
2.0658

185.8585,

■ 0.0000, 0.0000,

143.3464, 290.7814

0.5953

227.0076,
178.8035, 348.4227

■ 0.0000, 0.0000,
0.0000

■ 25.7479, 14.3947,
52.4603

■ 25.7479, 14.3947,
52.4603

■ 23.9971, 12.3038,
52.1492

■ 27.9061, 17.2429,
52.8965

■ 22.6074, 10.8805,
51.9478

■ 30.5074, 20.9209,
53.4694

■ 21.5034, 9.9605,
51.8284

■ 33.5852, 25.4949,
54.1900

■ 37.1694, 31.0234,
55.0682

■ 41.2869, 37.5602,
56.1129

■ 45.9631, 45.1549,
57.3324

■ 51.2212, 53.8539,
58.7343

■ 57.0834, 63.7007,
60.3260

■ 63.5705, 74.7365,
62.1142

Harmonies

Analogous

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



18.4106, 14.3947, 80.1292



25.7479, 14.3947, 52.4603



30.2227, 14.3947, 22.9861

Triad

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



25.7479, 14.3947, 52.4603



16.0409, 14.3947, 0.0000



4.9159, 14.3947, 31.3558

Complementary

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



25.7479, 14.3947, 52.4603



24.4694, 41.1646, 10.6593

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.



4.6456, 14.3947, 10.1038



25.7479, 14.3947, 52.4603



9.8410, 14.3947, 0.1034

Square

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



25.7479, 14.3947, 52.4603



23.5442, 14.3947, 1.1077



6.1344, 14.3947, 2.0083



7.0487, 14.3947, 62.5930

Rectangle

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



25.7479, 14.3947, 52.4603



30.2499, 14.3947, 10.2998



6.1344, 14.3947, 2.0083



4.6377, 14.3947, 22.6509

Sweetspot

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



25.7485, 14.3953, 52.4606



73.8290, 66.4894, 101.4123



15.3101, 12.4494, 52.6352



15.6931, 13.8025, 22.0870



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



25.7485, 14.3953, 52.4606



42.0837, 20.8031, 94.2671



30.1067, 17.0339, 34.9592



10.2435, 10.1167, 12.6977



14.2159, 6.5890, 34.0792



0.6741, 0.3156, 1.4753

Inverse Universe

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



25.6932, 15.2685, 11.7183



43.0739, 23.1212, 12.6427



22.9688, 40.2561, 16.6853



10.1742, 10.1183, 11.0078



15.0132, 7.6951, 2.7159



0.6774, 0.3440, 0.2687

Previews

White Background



This preview shows how the XYZ color 25.7479, 14.3947, 52.4603 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 25.7479, 14.3947, 52.4603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

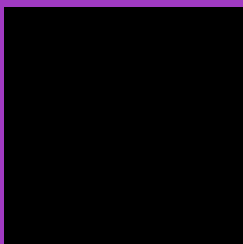
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.7479, 14.3947, 52.4603

Background



This preview shows how black text looks on a background with the XYZ color 25.7479, 14.3947, 52.4603.



This preview shows how white text looks on a background with the XYZ color 25.7479, 14.3947,

52.4603.

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

25.7479, 14.3947, 52.4603

Protanopia

17.5051, 14.7625, 68.2565

Deuteranopia

15.1158, 14.7415, 47.9476



Tritanopia

17.6679, 14.2864, 13.1356

Trichromacy



Original Color

25.7479, 14.3947, 52.4603



Protanomaly

16.6617, 12.3194, 61.8213



Deuteranomaly

16.5710, 12.9216, 49.1977



Tritanomaly

19.6517, 13.6940, 23.4372

Monochromacy



Original Color

25.7479, 14.3947, 52.4603



Achromatopsia

13.1579, 13.8432, 15.0752



Achromatomaly

16.2357, 12.9076, 25.3026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7479, 14.3947, 52.4603 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(160, 58, 194)` looks like.

```
.text, #text, p{  
    color:rgb(160, 58, 194)  
}
```

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(160, 58, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 58, 194) }
```

Border

The CSS property to change the border of an element to XYZ 25.7479, 14.3947, 52.4603 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(160, 58, 194) }
```


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

```
.border{ border-color:rgb(160, 58, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 58, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 58, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 58, 194);  
box-shadow:4px 4px 4px 4px rgb(160, 58,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7479, 14.3947, 52.4603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 58, 194) }
```

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

```
.background{ background-color: rgb(160, 58,  
194) }
```

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