

Converting Colors

XYZ(24.7926, 14.0419, 53.0334)

Have a look what the booklet for
XYZ(24.7926, 14.0419, 53.0334)
contains.

XYZ(24.7926, 14.0419, 53.0334)	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(24.7926, 14.0419,
53.0334)**

Conversions

Conversions Part 1

Format	Color
Hex	9A3CC3
RGB	154, 60, 195
RGB Percent	60%, 24%, 76%
CMY	0.3961, 0.7647, 0.2353
CMYK	0.21, 0.69, 0.00, 0.24
HSL	282°, 53%, 50%
HSV	282°, 69%, 76%
XYZ	24.7926, 14.0419, 53.0334
YIQ	103.4960, 12.6890, 61.9130

Conversions

Conversions Part 2

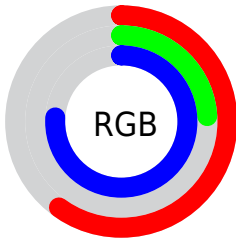
Format	Color
RYB	154, 60, 195
Decimal	10108099
CIELab	44.29, 59.59, -53.41
CIELCh	44, 80.018, 318.131
Yxy	14.0419, 0.2699, 0.1528
Android (android.graphics.Color)	4288298179 (0xFF9A3CC3)
YUV	103.4960, 45.1115, 44.2920
Hunter-Lab	37.4725, 52.5224, -57.6801

Details

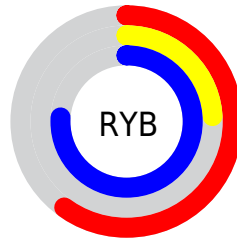
The XYZ color **24.7926, 14.0419, 53.0334** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **25.6979, 42.1235, 11.0517**, and the grayscale version is **12.9059, 13.5780, 14.7864**.

A 20% lighter version of the original color is **50.8528, 33.2868, 95.8402**, and **9.7706, 4.4901, 25.1627** is the 20% darker color. If you saturate the color by 10%, you get **22.8534, 11.7952, 52.7022**, and if you desaturate by 10%, it is **27.1649, 17.0708, 53.4933**.

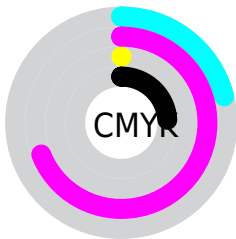
Distribution



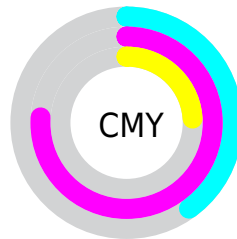
- Red (60%)
- Green (24%)
- Blue (76%)



- Red (60%)
- Yellow (24%)
- Blue (76%)



- Cyan (21%)
- Magenta (69%)
- Yellow (0%)
- Black (24%)



- Cyan (40%)
- Magenta (76%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7926, 14.0419, 53.0334 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 24.7926, 14.0419, 53.0334 by changing the saturation by 10% instead.

■ 24.7926, 14.0419,
53.0334

■ 24.7926, 14.0419,
53.0334

269.1702,
217.4913, 415.4832

■ 16.0505, 8.1498,
37.4415

■ 50.7659, 33.1634,
96.0956

■ 9.6510, 4.1910,
25.2511

■ 68.7278, 47.1615,
124.4029

■ 5.2286, 1.7809,
16.0435

■ 90.4937, 64.6305,
157.7859

■ 2.4182, 0.4753,
9.4002

■ 116.4289, 85.9547,
196.6629

■ 0.8542, 0.0000,
4.9028

■ 146.8988,
111.5184, 241.4527

■ 0.0000, 0.0000,
2.1326

182.2687,

■ 0.0000, 0.0000,

141.7062, 292.5736

0.6351

222.9041,
176.9024, 350.4442

■ 0.0000, 0.0000,
0.0000

■ 24.7926, 14.0419,
53.0334

■ 24.7926, 14.0419,
53.0334

■ 22.8534, 11.7952,
52.7022

■ 27.1649, 17.0708,
53.4933

■ 21.3010, 10.2413,
52.4841

■ 30.0062, 20.9549,
54.0932

■ 20.0583, 9.2268,
52.3538

■ 33.3507, 25.7604,
54.8445

■ 19.9679, 9.1559,
52.3448

■ 37.2285, 31.5466,
55.7569

■ 41.6672, 38.3675,
56.8396

■ 46.6924, 46.2733,
58.1007

■ 52.3281, 55.3107,
59.5481

■ 58.5967, 65.5240,
61.1890

■ 65.5196, 76.9546,
63.0305

Harmonies

Analogous

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



17.5622, 14.0419, 79.3733



24.7926, 14.0419, 53.0334



29.4113, 14.0419, 23.7611

Triad

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



24.7926, 14.0419, 53.0334



16.0459, 14.0419, 0.0000



4.7243, 14.0419, 29.1185

Complementary

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



24.7926, 14.0419, 53.0334



25.6979, 42.1235, 11.0517

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.



4.5520, 14.0419, 9.1166



24.7926, 14.0419, 53.0334



9.8658, 14.0419, 0.0225

Square

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



24.7926, 14.0419, 53.0334



23.3812, 14.0419, 1.1886



6.1101, 14.0419, 1.7578



6.6934, 14.0419, 59.5317

Rectangle

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



24.7926, 14.0419, 53.0334



29.6483, 14.0419, 10.8194



6.1101, 14.0419, 1.7578



4.4842, 14.0419, 20.8464

Sweetspot

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



24.7932, 14.0425, 53.0337



72.8741, 65.9972, 101.3676



16.5397, 14.5523, 53.5671



15.4589, 13.6818, 22.0760



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.



24.7932, 14.0425, 53.0337



39.4433, 19.5737, 94.1690



31.4013, 17.7460, 39.9251



10.1899, 10.0891, 12.6951



13.0666, 5.9965, 34.0254



0.6319, 0.2938, 1.4733

Inverse Universe

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



26.4709, 15.7739, 13.9619



43.7992, 23.5534, 16.0243



23.0088, 40.6431, 15.1752



10.1963, 10.1271, 11.1243



15.1774, 7.7607, 3.5805



0.6872, 0.3479, 0.3200

Previews

White Background



This preview shows how the XYZ color 24.7926, 14.0419, 53.0334 looks on a white background.

Color Contrast Check

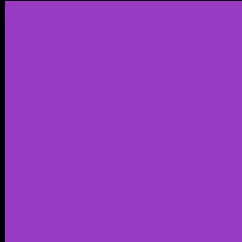
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7926, 14.0419, 53.0334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

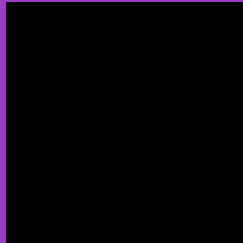
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.7926, 14.0419, 53.0334

Background



This preview shows how black text looks on a background with the XYZ color 24.7926, 14.0419, 53.0334.



This preview shows how white text looks on a background with the XYZ color 24.7926, 14.0419,

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

24.7926, 14.0419, 53.0334

Protanopia

16.9194, 14.2137, 66.1417

Deuteranopia

14.6857, 14.3519, 48.4505



Tritanopia

16.7267, 14.0441, 13.6336

Trichromacy



Original Color

24.7926, 14.0419, 53.0334



Protanomaly

16.3438, 12.0504, 61.1391



Deuteranomaly

15.8220, 12.5230, 49.7274



Tritanomaly

18.6733, 13.3878, 24.1542

Monochromacy



Original Color

24.7926, 14.0419, 53.0334



Achromatopsia

12.8919, 13.5633, 14.7705



Achromatomaly

15.8782, 12.7315, 24.9131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7926, 14.0419, 53.0334 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(154, 60, 195)` looks like.

```
.text, #text, p{  
    color:rgb(154, 60, 195)  
}
```

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(154, 60, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 60, 195) }
```

Border

The CSS property to change the border of an element to XYZ 24.7926, 14.0419, 53.0334 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(154, 60, 195) }
```


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

```
.border{ border-color:rgb(154, 60, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 60, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 60, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 60, 195);  
box-shadow:4px 4px 4px 4px rgb(154, 60,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7926, 14.0419, 53.0334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 60, 195) }
```

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

```
.background{ background-color: rgb(154, 60,  
195) }
```

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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