

Converting Colors

XYZ(24.9172, 21.9541, 33.9804)

Have a look what the booklet for
XYZ(24.9172, 21.9541, 33.9804)
contains.

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Color

**XYZ(24.9076, 21.9498,
33.9343)**

Conversions

Conversions Part 1

Format	Color
Hex	95779B
RGB	149, 119, 155
RGB Percent	58%, 47%, 61%
CMY	0.4157, 0.5333, 0.3922
CMYK	0.04, 0.23, 0.00, 0.39
HSL	290°, 15%, 54%
HSV	290°, 23%, 61%
XYZ	24.9076, 21.9498, 33.9343
YIQ	132.0740, 6.3240, 17.5560

Conversions

Conversions Part 2

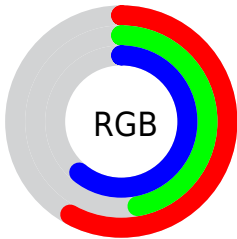
Format	Color
R_{YB}	149, 119, 155
Decimal	9795483
CIE _{Lab}	53.97, 18.35, -14.95
CIE _{LCh}	54, 23.675, 320.826
Yxy	21.9498, 0.3083, 0.2717
Android (android.graphics.Color)	4287985563 (0xFF95779B)
YUV	132.0740, 11.3025, 14.8441
Hunter-Lab	46.8506, 12.9089, -10.1488

Details

The XYZ color **24.9076, 21.9498, 33.9343** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.5095, 29.1352, 21.8385**, and the grayscale version is **21.9183, 23.0598, 25.1121**.

A 20% lighter version of the original color is **50.7001, 46.4258, 66.6105**, and **9.7259, 7.9765, 14.1237** is the 20% darker color. If you saturate the color by 10%, you get **22.7453, 18.3169, 33.3474**, and if you desaturate by 10%, it is **27.3826, 26.1917, 34.6230**.

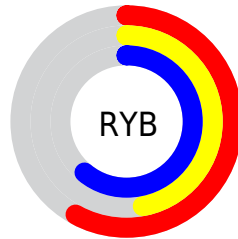
Distribution



Red (58%)

Green (47%)

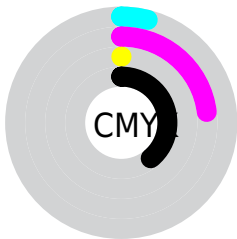
Blue (61%)



Red (58%)

Yellow (47%)

Blue (61%)

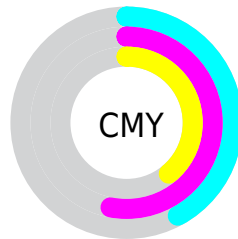


Cyan (4%)

Magenta (23%)

Yellow (0%)

Black (39%)



Cyan (42%)

Magenta (53%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9076, 21.9498, 33.9343 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 24.9076, 21.9498, 33.9343 by changing the saturation by 10% instead.

■ 24.9076, 21.9498,
33.9343

■ 24.9076, 21.9498,
33.9343

269.7336,
262.2840, 334.5992

■ 16.1366, 13.8200,
22.5662

■ 50.9513, 46.6630,
66.9642

■ 9.7123, 7.9956,
14.0712

■ 68.9546, 64.0152,
89.4631

■ 5.2694, 4.0921,
8.0309

■ 90.7661, 85.2104,
116.5093

■ 2.4426, 1.7252,
4.0267

116.7512,
110.6329, 148.5214

■ 0.8664, 0.4399,
1.6400

147.2751,
140.6671, 185.9179

■ 0.0000, 0.0000,
0.3191

182.7032,

■ 0.0000, 0.0000,

175.6974, 229.1173

0.0000

223.4009,
216.1083, 278.5382

■ 24.9076, 21.9498,
33.9343

■ 24.9076, 21.9498,
33.9343

■ 22.7453, 18.3169,
33.3474

■ 27.3826, 26.1917,
34.6230

■ 20.8790, 15.2609,
32.8559

■ 30.1818, 31.0670,
35.4164

■ 19.2936, 12.7513,
32.4550

■ 33.3188, 36.6021,
36.3195

■ 17.9716, 10.7535,
32.1391

■ 36.8057, 42.8212,
37.3361

■ 16.8937, 9.2287,
31.9016

■ 40.6540, 49.7471,
38.4701

■ 16.0378, 8.1328,
31.7352

■ 44.8747, 57.4017,
39.7252

■ 15.3775, 7.4132,
31.6311

■ 49.4781, 65.8058,
41.1047

■ 14.9948, 7.0466,
31.5805

■ 54.4745, 74.9796,
42.6121

■ 58.7453, 82.6859,
43.8744

Harmonies

Analogous

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



22.6585, 21.9498, 39.6095



24.9076, 21.9498, 33.9343



26.0981, 21.9498, 26.2137

Triad

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



24.9076, 21.9498, 33.9343



21.6557, 21.9498, 12.5269



16.5995, 21.9498, 29.2590

Complementary

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



24.9076, 21.9498, 33.9343



23.5095, 29.1352, 21.8385

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.



16.3788, 21.9498, 21.7259



24.9076, 21.9498, 33.9343



19.1643, 21.9498, 13.0136

Square

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



24.9076, 21.9498, 33.9343



24.1223, 21.9498, 14.5674



17.2812, 21.9498, 16.0682



17.9107, 21.9498, 36.5504

Rectangle

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



24.9076, 21.9498, 33.9343



26.0695, 21.9498, 21.3531



17.2812, 21.9498, 16.0682



16.3998, 21.9498, 26.6409

Sweetspot

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



24.9083, 21.9507, 33.9348



52.0196, 52.0827, 62.8475



20.9349, 21.1092, 33.9818



11.7134, 11.6822, 14.2079



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.9083, 21.9507, 33.9348



42.4782, 35.7153, 60.1912



25.1186, 22.1646, 29.1805



6.3601, 6.2715, 7.8043



12.0711, 5.6739, 25.3667



0.2041, 0.0970, 0.3803

Inverse Universe

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



23.8169, 21.6439, 22.3257



40.2106, 35.0922, 35.4210



23.3861, 28.9877, 25.6237



6.2487, 6.2387, 6.6899



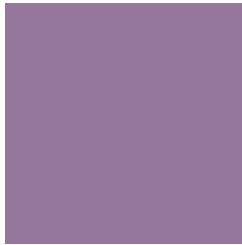
11.0159, 5.6606, 1.3426



0.1740, 0.0883, 0.0689

Previews

White Background



This preview shows how the XYZ color 24.9076, 21.9498, 33.9343 looks on a white 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

Black Background



This preview shows how the XYZ color 24.9076, 21.9498, 33.9343 looks on a black 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

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

XYZ 24.9076, 21.9498, 33.9343

Background



This preview shows how black text looks on a background with the XYZ color 24.9076, 21.9498, 33.9343.



This preview shows how white text looks on a background with the XYZ color 24.9076, 21.9498,

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

24.9076, 21.9498, 33.9343

Protanopia

22.0374, 22.0765, 36.8179

Deuteranopia

22.4995, 22.0006, 33.6325



Tritanopia

23.1707, 21.9704, 25.2098

Trichromacy



Original Color

24.9076, 21.9498, 33.9343

Protanomaly

22.9517, 21.9957, 35.8368

Deuteranomaly

23.2322, 21.8174, 33.5586

Tritanomaly

23.7999, 22.0452, 28.2001

Monochromacy



Original Color

24.9076, 21.9498, 33.9343

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.8042, 22.4755, 27.9472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9076, 21.9498, 33.9343 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(149, 119, 155)` looks like.

```
.text, #text, p{  
    color:rgb(149, 119, 155)  
}
```

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(149, 119, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 119, 155) }
```

Border

The CSS property to change the border of an element to XYZ 24.9076, 21.9498, 33.9343 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(149, 119, 155) }
```


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

```
.border{ border-color:rgb(149, 119, 155) }
```

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

Here you see how a box with a 4 pixel rgb(149, 119, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 119, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 119, 155);  
box-shadow:4px 4px 4px 4px rgb(149, 119,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9076, 21.9498, 33.9343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 119, 155) }
```

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

```
.background{ background-color: rgb(149,  
119, 155) }
```

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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