

Converting Colors

XYZ(24.9247, 21.4563, 34.8400)

Have a look what the booklet for
XYZ(24.9247, 21.4563, 34.8400)
contains.

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Color

**XYZ(24.9089, 21.4091,
34.7178)**

Conversions

Conversions Part 1

Format	Color
Hex	96749D
RGB	150, 116, 157
RGB Percent	59%, 45%, 62%
CMY	0.4118, 0.5451, 0.3843
CMYK	0.04, 0.26, 0.00, 0.38
HSL	290°, 17%, 54%
HSV	290°, 26%, 62%
XYZ	24.9089, 21.4091, 34.7178
YIQ	130.8400, 7.1030, 19.9590

Conversions

Conversions Part 2

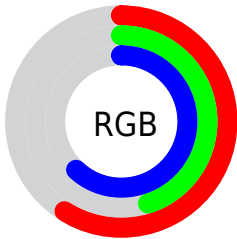
Format	Color
R_{YB}	150, 116, 157
Decimal	9860253
CIE _{Lab}	53.39, 20.86, -16.99
CIE _{LCh}	53, 26.900, 320.834
Yxy	21.4091, 0.3074, 0.2642
Android (android.graphics.Color)	4288050333 (0xFF96749D)
YUV	130.8400, 12.8969, 16.8033
Hunter-Lab	46.2700, 15.1210, -12.0982

Details

The XYZ color **24.9089, 21.4091, 34.7178** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.3784, 29.5863, 21.0025**, and the grayscale version is **21.4706, 22.5887, 24.5991**.

A 20% lighter version of the original color is **51.0631, 45.7379, 68.4243**, and **9.7543, 7.7076, 14.6093** is the 20% darker color. If you saturate the color by 10%, you get **22.7625, 17.8397, 34.1423**, and if you desaturate by 10%, it is **27.3738, 25.5979, 35.3967**.

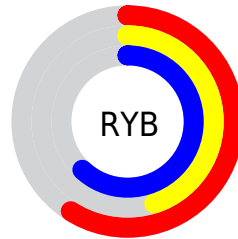
Distribution



Red (59%)

Green (45%)

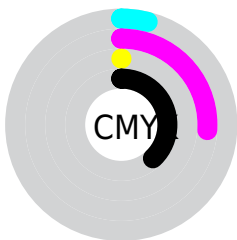
Blue (62%)



Red (59%)

Yellow (45%)

Blue (62%)

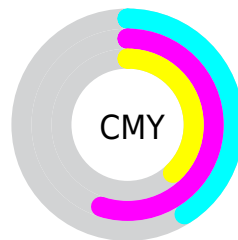


Cyan (4%)

Magenta (26%)

Yellow (0%)

Black (38%)



Cyan (41%)

Magenta (55%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9089, 21.4091, 34.7178 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 24.9089, 21.4091, 34.7178 by changing the saturation by 10% instead.

■ 24.9089, 21.4091,
34.7178

■ 24.9089, 21.4091,
34.7178

269.7400,
259.4447, 338.1873

■ 16.1376, 13.4234,
23.1638

■ 50.9534, 45.7674,
68.1950

■ 9.7130, 7.7207,
14.5080

■ 68.9572, 62.9088,
90.9552

■ 5.2699, 3.9168,
8.3321

■ 90.7692, 83.8708,
118.2879

■ 2.4429, 1.6271,
4.2174

■ 116.7548,
109.0379, 150.6116

■ 0.8665, 0.3758,
1.7453

147.2793,
138.7944, 188.3448

■ 0.0000, 0.0000,
0.3915

182.7081,

■ 0.0000, 0.0000,

173.5248, 231.9062

0.0000

223.4066,
213.6134, 281.7141

■ 24.9089, 21.4091,
34.7178

■ 24.9089, 21.4091,
34.7178

■ 22.7625, 17.8397,
34.1423

■ 27.3738, 25.5979,
35.3967

■ 20.9171, 14.8562,
33.6637

■ 30.1696, 30.4319,
36.1824

■ 19.3566, 12.4259,
33.2768

■ 33.3103, 35.9389,
37.0798

■ 18.0625, 10.5122,
32.9757

■ 36.8087, 42.1441,
38.0932

■ 17.0142, 9.0736,
32.7532

■ 40.6768, 49.0716,
39.2265

■ 16.1877, 8.0624,
32.6016

■ 44.9261, 56.7441,
40.4834

■ 15.5493, 7.4112,
32.5096

■ 49.5676, 65.1836,
41.8678

■ 15.3221, 7.1958,
32.4800

■ 54.6117, 74.4108,
43.3830

■ 59.3292, 82.9673,
44.7859

Harmonies

Analogous

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



22.3644, 21.4091, 41.3099



24.9089, 21.4091, 34.7178



26.2640, 21.4091, 25.9062

Triad

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



24.9089, 21.4091, 34.7178



21.2358, 21.4091, 10.9791



15.6369, 21.4091, 29.3620

Complementary

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



24.9089, 21.4091, 34.7178



23.3784, 29.5863, 21.0025

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.



15.3958, 21.4091, 20.8949



24.9089, 21.4091, 34.7178



18.4579, 21.4091, 11.4875

Square

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



24.9089, 21.4091, 34.7178



24.0167, 21.4091, 13.1220



16.3821, 21.4091, 14.7240



17.0746, 21.4091, 37.7496

Rectangle

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



24.9089, 21.4091, 34.7178



26.2312, 21.4091, 20.4787



16.3821, 21.4091, 14.7240



15.4188, 21.4091, 26.3929

Sweetspot

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



24.9096, 21.4100, 34.7183



52.9589, 52.6367, 64.4954



20.4363, 20.4427, 34.7673



11.4923, 11.3031, 14.1464



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.



24.9096, 21.4100, 34.7183



42.4329, 34.7029, 61.5886



25.1859, 21.6738, 29.2488



6.7930, 6.6973, 8.3414



12.4713, 5.8582, 26.3807



0.2498, 0.1186, 0.4729

Inverse Universe

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



23.7258, 21.0898, 21.5599



40.0226, 34.0689, 33.9822



23.2215, 29.4120, 25.2171



6.6770, 6.6637, 7.1501



11.4619, 5.8893, 1.4176



0.2162, 0.1098, 0.0848

Previews

White Background



This preview shows how the XYZ color 24.9089, 21.4091, 34.7178 looks on a white background.

Color Contrast Check

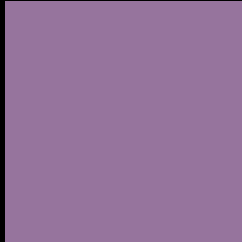
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9089, 21.4091, 34.7178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

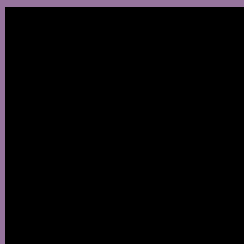
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.9089, 21.4091, 34.7178

Background



This preview shows how black text looks on a background with the XYZ color 24.9089, 21.4091, 34.7178.



This preview shows how white text looks on a background with the XYZ color 24.9089, 21.4091,

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

24.9089, 21.4091, 34.7178

Protanopia

21.6329, 21.4536, 38.1227

Deuteranopia

21.8542, 21.4694, 34.0025



Tritanopia

22.7207, 21.3974, 24.0517

Trichromacy



Original Color

24.9089, 21.4091, 34.7178

Protanomaly

22.5985, 21.2381, 36.6265

Deuteranomaly

22.9520, 21.4703, 34.3870

Tritanomaly

23.3631, 21.2901, 27.6890

Monochromacy



Original Color

24.9089, 21.4091, 34.7178

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.6757, 22.2184, 27.9044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9089, 21.4091, 34.7178 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(150, 116, 157)` looks like.

```
.text, #text, p{  
    color:rgb(150, 116, 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(150, 116, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 116, 157) }
```

Border

The CSS property to change the border of an element to XYZ 24.9089, 21.4091, 34.7178 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(150, 116, 157) }
```


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

```
.border{ border-color:rgb(150, 116, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 116, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 116, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 116, 157);  
box-shadow:4px 4px 4px 4px rgb(150, 116,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9089, 21.4091, 34.7178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 116, 157) }
```

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

```
.background{ background-color: rgb(150,  
116, 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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