

Converting Colors

XYZ(24.7717, 21.8805, 33.6792)

Have a look what the booklet for
XYZ(24.7717, 21.8805, 33.6792)
contains.

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Color

**XYZ(24.8240, 21.9163,
33.4938)**

Conversions

Conversions Part 1

Format	Color
Hex	95779A
RGB	149, 119, 154
RGB Percent	58%, 47%, 60%
CMY	0.4157, 0.5333, 0.3961
CMYK	0.03, 0.23, 0.00, 0.40
HSL	291°, 15%, 54%
HSV	291°, 23%, 60%
XYZ	24.8240, 21.9163, 33.4938
YIQ	131.9600, 6.6450, 17.2450

Conversions

Conversions Part 2

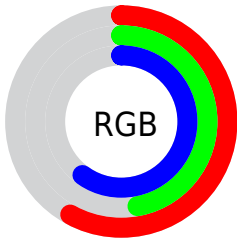
Format	Color
R_{YB}	149, 119, 154
Decimal	9795482
CIE _{Lab}	53.94, 18.15, -14.43
CIE _{LCh}	54, 23.184, 321.518
Yxy	21.9163, 0.3094, 0.2732
Android (android.graphics.Color)	4287985562 (0xFF95779A)
YUV	131.9600, 10.8657, 14.9441
Hunter-Lab	46.8148, 12.7253, -9.6488

Details

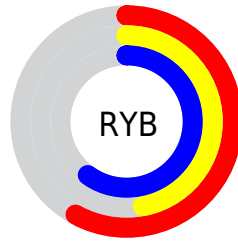
The XYZ color **24.8240, 21.9163, 33.4938** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.1983, 28.7288, 21.7763**, and the grayscale version is **21.8787, 23.0181, 25.0667**.

A 20% lighter version of the original color is **50.5767, 46.3764, 65.9604**, and **9.6753, 7.9563, 13.8577** is the 20% darker color. If you saturate the color by 10%, you get **22.7403, 18.3387, 32.9134**, and if you desaturate by 10%, it is **27.2137, 26.0936, 34.1745**.

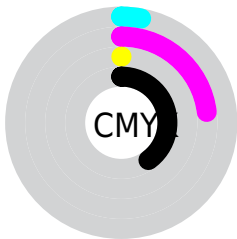
Distribution



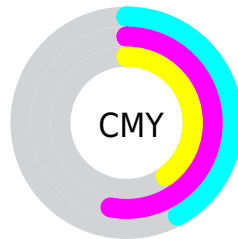
- Red (58%)
- Green (47%)
- Blue (60%)



- Red (58%)
- Yellow (47%)
- Blue (60%)



- Cyan (3%)
- Magenta (23%)
- Yellow (0%)
- Black (40%)



- Cyan (42%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8240, 21.9163, 33.4938 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 24.8240, 21.9163, 33.4938 by changing the saturation by 10% instead.

■ 24.8240, 21.9163,
33.4938

■ 24.8240, 21.9163,
33.4938

269.3241,
262.1089, 332.5690

■ 16.0740, 13.7954,
22.2308

■ 50.8165, 46.6076,
66.2706

■ 9.6677, 7.9785,
13.8266

■ 68.7897, 63.9468,
88.6214

■ 5.2398, 4.0812,
7.8628

■ 90.5681, 85.1276,
115.5053

■ 2.4248, 1.7191,
3.9208

116.5169,
110.5344, 147.3407

■ 0.8575, 0.4360,
1.5820

147.0016,
140.5515, 184.5463

■ 0.0000, 0.0000,
0.2779

182.3874,

■ 0.0000, 0.0000,

175.5633, 227.5405

0.0000

223.0398,
215.9543, 276.7419

■ 24.8240, 21.9163,
33.4938

■ 24.8240, 21.9163,
33.4938

■ 22.7403, 18.3387,
32.9134

■ 27.2137, 26.0936,
34.1745

■ 20.9461, 15.3295,
32.4271

■ 29.9206, 30.8946,
34.9585

■ 19.4267, 12.8587,
32.0303

■ 32.9580, 36.3451,
35.8505

■ 18.1651, 10.8923,
31.7172

■ 36.3377, 42.4689,
36.8543

■ 17.1423, 9.3926,
31.4817

■ 40.0711, 49.2884,
37.9739

■ 16.3368, 8.3165,
31.3164

■ 44.1688, 56.8251,
39.2126

■ 15.7229, 7.6128,
31.2129

■ 48.6411, 65.0994,
40.5740

■ 15.3486, 7.2387,
31.1605

■ 53.4980, 74.1311,
42.0613

■ 57.9124, 82.2662,
43.3989

Harmonies

Analogous

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



22.6438, 21.9163, 39.0949



24.8240, 21.9163, 33.4938



25.9550, 21.9163, 25.9515

Triad

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



24.8240, 21.9163, 33.4938



21.5478, 21.9163, 12.6742



16.6720, 21.9163, 29.2761

Complementary

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



24.8240, 21.9163, 33.4938



23.1983, 28.7288, 21.7763

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.



16.4297, 21.9163, 21.8899



24.8240, 21.9163, 33.4938



19.1172, 21.9163, 13.2121

Square

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



24.8240, 21.9163, 33.4938



23.9669, 21.9163, 14.6288



17.2906, 21.9163, 16.2819



17.9810, 21.9163, 36.3407

Rectangle

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



24.8240, 21.9163, 33.4938



25.9039, 21.9163, 21.2190



17.2906, 21.9163, 16.2819



16.4675, 21.9163, 26.7183

Sweetspot

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



24.8247, 21.9172, 33.4943



52.1089, 52.1287, 62.8517



20.6804, 20.7341, 33.4843



11.7351, 11.6934, 14.2089



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.



24.8247, 21.9172, 33.4943



43.2045, 36.5509, 60.3142



24.7877, 22.0101, 28.4355



6.3745, 6.2789, 7.8050



12.5276, 5.9092, 25.3880



0.2081, 0.0991, 0.3805

Inverse Universe

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



23.5621, 21.5199, 21.9817



40.5534, 35.7264, 35.6935



23.2778, 28.6792, 25.8713



6.2430, 6.2363, 6.6596



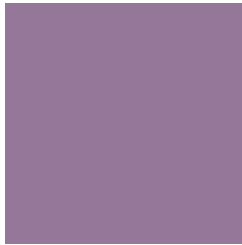
10.9840, 5.6478, 1.1747



0.1723, 0.0877, 0.0601

Previews

White Background



This preview shows how the XYZ color 24.8240, 21.9163, 33.4938 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 24.8240, 21.9163, 33.4938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

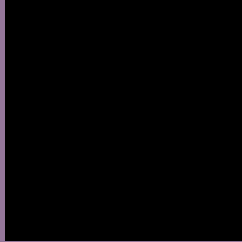
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.8240, 21.9163, 33.4938

Background



This preview shows how black text looks on a background with the XYZ color 24.8240, 21.9163, 33.4938.



This preview shows how white text looks on a background with the XYZ color 24.8240, 21.9163,

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

24.8240, 21.9163, 33.4938

Protanopia

21.9495, 22.0414, 36.3552

Deuteranopia

22.4165, 21.9674, 33.1957



Tritanopia

23.1019, 21.9429, 24.8476

Trichromacy



Original Color

24.8240, 21.9163, 33.4938

Protanomaly

22.8652, 21.9611, 35.3815

Deuteranomaly

23.1493, 21.7842, 33.1217

Tritanomaly

23.7258, 22.0156, 27.8099

Monochromacy



Original Color

24.8240, 21.9163, 33.4938

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 24.8240, 21.9163, 33.4938 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(149, 119, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 119, 154) }
```

Border

The CSS property to change the border of an element to XYZ 24.8240, 21.9163, 33.4938 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, 154) }
```


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

```
.border{ border-color:rgb(149, 119, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 119, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 119, 154);  
box-shadow:4px 4px 4px 4px rgb(149, 119,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8240, 21.9163, 33.4938 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, 154) }
```

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

```
.background{ background-color: rgb(149,  
119, 154) }
```

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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