

Converting Colors

XYZ(25.1309, 21.8496, 35.6937)

Have a look what the booklet for
XYZ(25.1309, 21.8496, 35.6937)
contains.

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Color

**XYZ(25.1309, 21.8496,
35.6937)**

Conversions

Conversions Part 1

Format	Color
Hex	95769F
RGB	149, 118, 159
RGB Percent	58%, 46%, 62%
CMY	0.4157, 0.5372, 0.3765
CMYK	0.06, 0.26, 0.00, 0.38
HSL	285°, 18%, 54%
HSV	285°, 26%, 62%
XYZ	25.1309, 21.8496, 35.6937
YIQ	131.9430, 5.3150, 19.3230

Conversions

Conversions Part 2

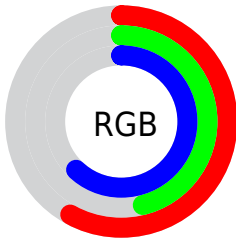
Format	Color
R_{YB}	149, 118, 159
Decimal	9795231
CIE _{Lab}	53.87, 19.77, -17.44
CIE _{LCh}	54, 26.362, 318.573
Yxy	21.8496, 0.3040, 0.2643
Android (android.graphics.Color)	4287985311 (0xFF95769F)
YUV	131.9430, 13.3391, 14.9590
Hunter-Lab	46.7436, 14.1664, -12.5538

Details

The XYZ color **25.1309, 21.8496, 35.6937** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.5708, 30.6939, 21.7700**, and the grayscale version is **21.8643, 23.0029, 25.0502**.

A 20% lighter version of the original color is **51.1409, 46.3010, 69.8599**, and **9.8190, 7.9145, 14.9200** is the 20% darker color. If you saturate the color by 10%, you get **22.7184, 18.0572, 35.0892**, and if you desaturate by 10%, it is **27.8839, 26.2872, 36.4055**.

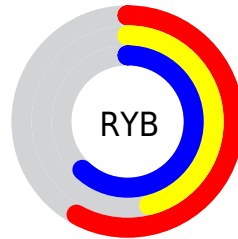
Distribution



Red (58%)

Green (46%)

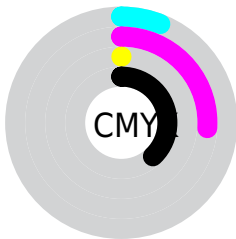
Blue (62%)



Red (58%)

Yellow (46%)

Blue (62%)

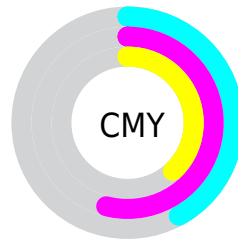


Cyan (6%)

Magenta (26%)

Yellow (0%)

Black (38%)



Cyan (42%)

Magenta (54%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1309, 21.8496, 35.6937 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 25.1309, 21.8496, 35.6937 by changing the saturation by 10% instead.

■ 25.1309, 21.8496,
35.6937

■ 25.1309, 21.8496,
35.6937

270.8248,
261.7598, 342.6166

■ 16.3039, 13.7464,
23.9099

■ 51.3109, 46.4973,
69.7228

■ 9.8316, 7.9445,
15.0552

■ 69.3945, 63.8106,
92.8051

■ 5.3489, 4.0595,
8.7111

■ 91.2944, 84.9628,
120.4907

■ 2.4902, 1.7069,
4.4590

117.3759,
110.3381, 153.1981

■ 0.8903, 0.4281,
1.8804

148.0043,
140.3211, 191.3459

■ 0.0000, 0.0000,
0.4802

183.5450,

■ 0.0000, 0.0000,

175.2962, 235.3525

0.0000

224.3634,
215.6476, 285.6366

■ 25.1309, 21.8496,
35.6937

■ 25.1309, 21.8496,
35.6937

■ 22.7184, 18.0572,
35.0892

■ 27.8839, 26.2872,
36.4055

■ 20.6284, 14.8756,
34.5852

■ 30.9904, 31.3969,
37.2280

■ 18.8442, 12.2711,
34.1765

■ 34.4650, 37.2071,
38.1664

■ 17.3465, 10.2057,
33.8568

■ 38.3209, 43.7441,
39.2249

■ 16.1139, 8.6370,
33.6190

■ 42.5707, 51.0326,
40.4077

■ 15.1217, 7.5158,
33.4549

■ 47.2263, 59.0961,
41.7188

■ 14.3365, 6.7758,
33.3534

■ 52.2992, 67.9572,
43.1618

■ 14.0346, 6.5122,
33.3184

■ 57.8003, 77.6376,
44.7403

■ 61.7619, 84.2016,
45.7985

Harmonies

Analogous

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



22.5534, 21.8496, 41.8798



25.1309, 21.8496, 35.6937



26.5848, 21.8496, 27.0209

Triad

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



25.1309, 21.8496, 35.6937



21.8667, 21.8496, 11.5301



16.0148, 21.8496, 29.1203

Complementary

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



25.1309, 21.8496, 35.6937



24.5708, 30.6939, 21.7700

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.



15.8673, 21.8496, 20.8284



25.1309, 21.8496, 35.6937



19.0783, 21.8496, 11.8439

Square

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



25.1309, 21.8496, 35.6937



24.5890, 21.8496, 13.8958



16.9407, 21.8496, 14.8802



17.3638, 21.8496, 37.5286

Rectangle

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



25.1309, 21.8496, 35.6937



26.6405, 21.8496, 21.5372



16.9407, 21.8496, 14.8802



15.8279, 21.8496, 26.1957

Sweetspot

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



25.1316, 21.8505, 35.6942



54.1247, 53.9504, 66.3042



21.4818, 21.8593, 35.8882



12.0174, 11.8578, 14.8991



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.1316, 21.8505, 35.6942



42.4271, 35.0517, 63.2730



26.1820, 22.4906, 31.2909



6.7460, 6.6730, 8.3392



11.1237, 5.1635, 26.3176



0.2340, 0.1104, 0.4722

Inverse Universe

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



24.6734, 21.8872, 23.3470



41.5403, 35.1749, 37.0092



23.7828, 30.2134, 25.0876



6.6961, 6.6714, 7.2508



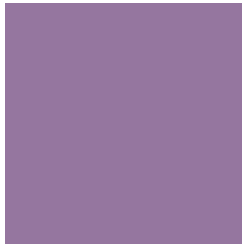
11.5939, 5.9421, 2.1126



0.2224, 0.1123, 0.1171

Previews

White Background



This preview shows how the XYZ color 25.1309, 21.8496, 35.6937 looks on a white background.

Color Contrast Check

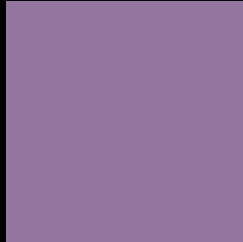
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1309, 21.8496, 35.6937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

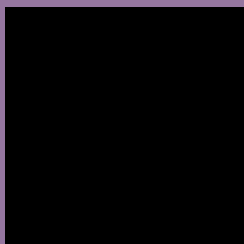
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1309, 21.8496, 35.6937

Background



This preview shows how black text looks on a background with the XYZ color 25.1309, 21.8496, 35.6937.



This preview shows how white text looks on a background with the XYZ color 25.1309, 21.8496,

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

25.1309, 21.8496, 35.6937

Protanopia

22.2099, 22.1135, 39.1741

Deuteranopia

22.2991, 21.8681, 34.9440



Tritanopia

22.9937, 21.8791, 25.2015

Trichromacy



Original Color

25.1309, 21.8496, 35.6937

Protanomaly

23.0244, 21.8055, 37.6457

Deuteranomaly

23.2462, 21.7854, 35.3276

Tritanomaly

23.5739, 21.7387, 28.5447

Monochromacy



Original Color

25.1309, 21.8496, 35.6937

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.9531, 22.5350, 28.7311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1309, 21.8496, 35.6937 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, 118, 159)` looks like.

```
.text, #text, p{  
    color:rgb(149, 118, 159)  
}
```

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, 118, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 118, 159) }
```

Border

The CSS property to change the border of an element to XYZ 25.1309, 21.8496, 35.6937 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, 118, 159) }
```


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

```
.border{ border-color:rgb(149, 118, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 118, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 118, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 118, 159);  
box-shadow:4px 4px 4px 4px rgb(149, 118,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1309, 21.8496, 35.6937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 118, 159) }
```

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

```
.background{ background-color: rgb(149,  
118, 159) }
```

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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