

Converting Colors

XYZ(25.7988, 23.4531, 31.4806)

Have a look what the booklet for
XYZ(25.7988, 23.4531, 31.4806)
contains.

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Color

**XYZ(25.7693, 23.3575,
31.5840)**

Conversions

Conversions Part 1

Format	Color
Hex	997C95
RGB	153, 124, 149
RGB Percent	60%, 49%, 58%
CMY	0.4000, 0.5137, 0.4157
CMYK	0.00, 0.19, 0.03, 0.40
HSL	308°, 12%, 54%
HSV	308°, 19%, 60%
XYZ	25.7693, 23.3575, 31.5840
YIQ	135.5210, 9.2590, 13.9230

Conversions

Conversions Part 2

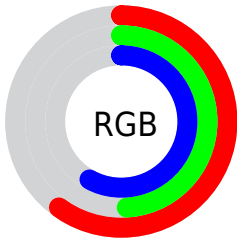
Format	Color
R_{YB}	153, 124, 149
Decimal	10058901
CIE _{Lab}	55.44, 15.69, -9.22
CIE _{LCh}	55, 18.197, 329.546
Yxy	23.3575, 0.3193, 0.2894
Android (android.graphics.Color)	4288248981 (0xFF997C95)
YUV	135.5210, 6.6451, 15.3291
Hunter-Lab	48.3296, 10.5993, -4.9160

Details

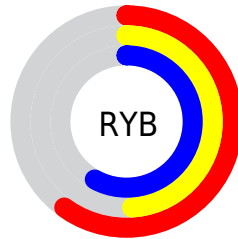
The XYZ color **25.7693, 23.3575, 31.5840** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.6006, 28.6267, 24.7049**, and the grayscale version is **23.1970, 24.4050, 26.5771**.

A 20% lighter version of the original color is **52.5141, 49.1660, 63.2221**, and **10.2002, 8.7388, 12.7044** is the 20% darker color. If you saturate the color by 10%, you get **23.8319, 19.7496, 30.1146**, and if you desaturate by 10%, it is **28.0086, 27.5637, 33.1697**.

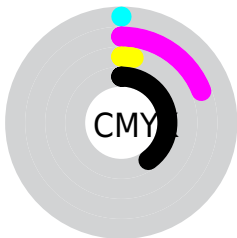
Distribution



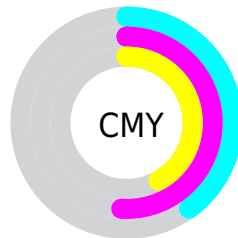
- Red (60%)
- Green (49%)
- Blue (58%)



- Red (60%)
- Yellow (49%)
- Blue (58%)



- Cyan (0%)
- Magenta (19%)
- Yellow (3%)
- Black (40%)



- Cyan (40%)
- Magenta (51%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7693, 23.3575, 31.5840 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 25.7693, 23.3575, 31.5840 by changing the saturation by 10% instead.

■ 25.7693, 23.3575,
31.5840

■ 25.7693, 23.3575,
31.5840

273.9253,
269.5559, 323.6540

■ 16.7829, 14.8577,
20.7818

■ 52.3365, 48.9797,
63.2487

■ 10.1742, 8.7196,
12.7749

■ 70.6480, 66.8708,
84.9482

■ 5.5777, 4.5587,
7.1448

■ 92.7986, 88.6613,
111.1172

■ 2.6283, 1.9908,
3.4730

119.1536,
114.7353, 142.1743

■ 0.9604, 0.6021,
1.3409

150.0785,
145.4774, 178.5380

■ 0.0000, 0.0000,
0.0950

185.9384,

■ 0.0000, 0.0000,

181.2720, 220.6268

0.0000

227.0989,
222.5033, 268.8593

■ 25.7693, 23.3575,
31.5840

■ 25.7693, 23.3575,
31.5840

■ 23.8319, 19.7496,
30.1146

■ 28.0086, 27.5637,
33.1697

■ 22.1807, 16.7096,
28.7552

■ 30.5606, 32.3906,
34.8745

■ 20.8016, 14.2090,
27.5015

■ 33.4381, 37.8635,
36.7030

■ 19.6786, 12.2156,
26.3480

■ 36.6524, 44.0052,
38.6591

■ 18.7937, 10.6938,
25.2886

■ 40.2144, 50.8372,
40.7464

■ 18.1270, 9.6036,
24.3166

■ 44.1345, 58.3805,
42.9686

■ 17.6549, 8.8978,
23.4241

■ 48.4226, 66.6547,
45.3290

■ 17.3272, 8.4763,
22.5943

■ 53.0883, 75.6791,
47.8309

■ 17.2947, 8.4355,
22.5087

■ 55.9646, 81.1194,
49.7519

Harmonies

Analogous

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



24.1986, 23.3575, 36.5530



25.7693, 23.3575, 31.5840



26.3736, 23.3575, 25.5217

Triad

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



25.7693, 23.3575, 31.5840



22.2318, 23.3575, 15.7438



18.9496, 23.3575, 31.4058

Complementary

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



25.7693, 23.3575, 31.5840



23.6006, 28.6267, 24.7049

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.



18.4928, 23.3575, 25.3432



25.7693, 23.3575, 31.5840



20.3157, 23.3575, 16.8324

Square

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



25.7693, 23.3575, 31.5840



24.2558, 23.3575, 16.9003



18.9776, 23.3575, 20.1363



20.2649, 23.3575, 36.4395

Rectangle

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



25.7693, 23.3575, 31.5840



26.1201, 23.3575, 21.8443



18.9776, 23.3575, 20.1363



18.6942, 23.3575, 29.3932

Sweetspot

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



25.7700, 23.3585, 31.5845



51.3969, 51.6975, 60.2456



21.8404, 21.2952, 33.0966



11.2923, 11.3084, 13.2644



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.7700, 23.3585, 31.5845



44.5228, 38.7930, 55.3534



24.6927, 22.9276, 25.9115



6.4246, 6.3090, 7.6158



14.3026, 6.9753, 18.6505



0.2227, 0.1078, 0.3254

Inverse Universe

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



25.7700, 23.3585, 31.5845



44.5228, 38.7930, 55.3534



24.6143, 29.0322, 30.0429



6.4246, 6.3090, 7.6158



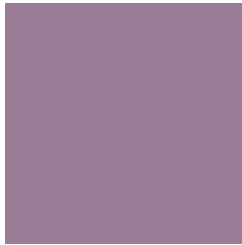
14.3026, 6.9753, 18.6505



0.2227, 0.1078, 0.3254

Previews

White Background



This preview shows how the XYZ color 25.7693, 23.3575, 31.5840 looks on a white background.

Color Contrast Check

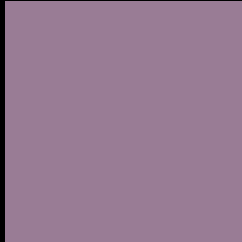
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7693, 23.3575, 31.5840 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 25.7693, 23.3575, 31.5840

Background



This preview shows how black text looks on a background with the XYZ color 25.7693, 23.3575, 31.5840.



This preview shows how white text looks on a background with the XYZ color 25.7693, 23.3575,

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

25.7693, 23.3575, 31.5840

Protanopia

23.1373, 23.5027, 33.8889

Deuteranopia

23.8430, 23.3276, 31.2630



Tritanopia

24.6673, 23.2786, 26.4857

Trichromacy



Original Color

25.7693, 23.3575, 31.5840

Protanomaly

23.9990, 23.3708, 32.9519

Deuteranomaly

24.4363, 23.2462, 31.2160

Tritanomaly

25.0902, 23.2657, 28.3676

Monochromacy



Original Color

25.7693, 23.3575, 31.5840

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.2143, 24.1764, 28.5896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7693, 23.3575, 31.5840 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(153, 124, 149)` looks like.

```
.text, #text, p{  
    color:rgb(153, 124, 149)  
}
```

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(153, 124, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 124, 149) }
```

Border

The CSS property to change the border of an element to XYZ 25.7693, 23.3575, 31.5840 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(153, 124, 149) }
```


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

```
.border{ border-color:rgb(153, 124, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 124, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 124, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 124, 149);  
box-shadow:4px 4px 4px 4px rgb(153, 124,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7693, 23.3575, 31.5840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 124, 149) }
```

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

```
.background{ background-color: rgb(153,  
124, 149) }
```

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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