

Converting Colors

XYZ(25.9847, 22.9998, 35.0465)

Have a look what the booklet for
XYZ(25.9847, 22.9998, 35.0465)
contains.

XYZ(25.9942, 23.0288, 34.9732)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.9942, 23.0288,
34.9732)**

Conversions

Conversions Part 1

Format	Color
Hex	987A9D
RGB	152, 122, 157
RGB Percent	60%, 48%, 62%
CMY	0.4039, 0.5216, 0.3843
CMYK	0.03, 0.22, 0.00, 0.38
HSL	291°, 15%, 55%
HSV	291°, 22%, 62%
XYZ	25.9942, 23.0288, 34.9732
YIQ	134.9600, 6.6450, 17.2450

Conversions

Conversions Part 2

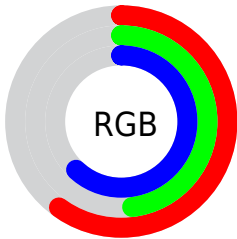
Format	Color
R_{YB}	152, 122, 157
Decimal	9992861
CIE _{Lab}	55.10, 18.08, -14.38
CIE _{LCh}	55, 23.098, 321.499
Yxy	23.0288, 0.3095, 0.2742
Android (android.graphics.Color)	4288182941 (0xFF987A9D)
YUV	134.9600, 10.8657, 14.9441
Hunter-Lab	47.9883, 12.7099, -9.6179

Details

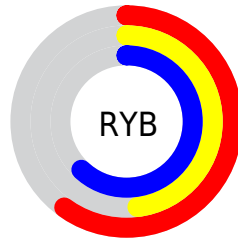
The XYZ color **25.9942, 23.0288, 34.9732** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.3231, 30.0317, 22.9283**, and the grayscale version is **22.9742, 24.1706, 26.3218**.

A 20% lighter version of the original color is **52.9458, 48.6788, 68.8928**, and **10.3509, 8.5724, 14.7448** is the 20% darker color. If you saturate the color by 10%, you get **23.8044, 19.2662, 34.3627**, and if you desaturate by 10%, it is **28.5048, 27.4204, 35.6889**.

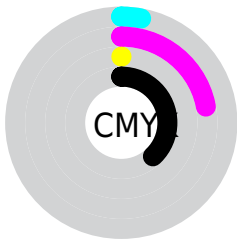
Distribution



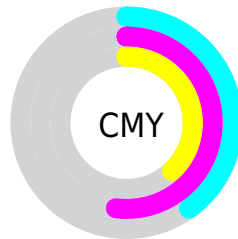
- Red (60%)
- Green (48%)
- Blue (62%)



- Red (60%)
- Yellow (48%)
- Blue (62%)



- Cyan (3%)
- Magenta (22%)
- Yellow (0%)
- Black (38%)



- Cyan (40%)
- Magenta (52%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9942, 23.0288, 34.9732 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 25.9942, 23.0288, 34.9732 by changing the saturation by 10% instead.

■ 25.9942, 23.0288,
34.9732

■ 25.9942, 23.0288,
34.9732

275.0108,
267.8729, 339.3507

■ 16.9520, 14.6148,
23.3588

■ 52.6970, 48.4406,
68.5953

■ 10.2953, 8.5495,
14.6509

■ 71.0882, 66.2072,
91.4402

■ 5.6590, 4.4485,
8.4309

■ 93.3265, 87.8601,
118.8657

■ 2.6775, 1.9275,
4.2802

119.7771,
113.7837, 151.2903

■ 0.9856, 0.5648,
1.7803

150.8055,
144.3623, 189.1325

■ 0.0000, 0.0000,
0.4149

186.7770,

■ 0.0000, 0.0000,

179.9805, 232.8110

0.0000

228.0570,
221.0226, 282.7442

■ 25.9942, 23.0288,
34.9732

■ 25.9942, 23.0288,
34.9732

■ 23.8044, 19.2662,
34.3627

■ 28.5048, 27.4204,
35.6889

■ 21.9183, 16.0997,
33.8509

■ 31.3480, 32.4658,
36.5129

■ 20.3205, 13.4979,
33.4329

■ 34.5377, 38.1923,
37.4501

■ 18.9930, 11.4255,
33.1029

■ 38.0863, 44.6245,
38.5046

■ 17.9163, 9.8429,
32.8542

■ 42.0055, 51.7860,
39.6804

■ 17.0678, 8.7053,
32.6793

■ 46.3066, 59.6993,
40.9811

■ 16.4208, 7.9592,
32.5694

■ 51.0004, 68.3857,
42.4103

■ 16.0087, 7.5498,
32.5121

■ 56.0972, 77.8658,
43.9716

■ 58.9003, 82.7462,
44.7658

Harmonies

Analogous

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



23.7525, 23.0288, 40.7088



25.9942, 23.0288, 34.9732



27.1567, 23.0288, 27.2285

Triad

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



25.9942, 23.0288, 34.9732



22.6279, 23.0288, 13.5066



17.5989, 23.0288, 30.6359

Complementary

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



25.9942, 23.0288, 34.9732



24.3231, 30.0317, 22.9283

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.



17.3493, 23.0288, 23.0371



25.9942, 23.0288, 34.9732



20.1241, 23.0288, 14.0639

Square

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



25.9942, 23.0288, 34.9732



25.1159, 23.0288, 15.5375



18.2391, 23.0288, 17.2456



18.9496, 23.0288, 37.8827

Rectangle

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



25.9942, 23.0288, 34.9732



27.1048, 23.0288, 22.3537



18.2391, 23.0288, 17.2456



17.3879, 23.0288, 28.0075

Sweetspot

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



25.9949, 23.0298, 34.9737



53.5982, 53.6163, 64.6508



21.7345, 21.8164, 34.9640



11.7350, 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.



25.9949, 23.0298, 34.9737



44.4330, 37.5826, 62.0390



25.9564, 23.1248, 29.7833



6.8110, 6.7065, 8.3422



13.0255, 6.1439, 26.4066



0.2560, 0.1218, 0.4732

Inverse Universe

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



24.6957, 22.6205, 23.1444



41.7044, 36.7341, 36.6962



24.4044, 29.9803, 27.1473



6.6698, 6.6608, 7.1120



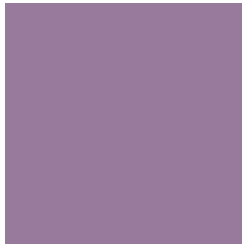
11.4230, 5.8738, 1.2124



0.2139, 0.1089, 0.0725

Previews

White Background



This preview shows how the XYZ color 25.9942, 23.0288, 34.9732 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 25.9942, 23.0288, 34.9732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

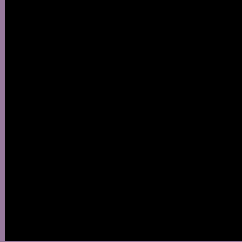
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9942, 23.0288, 34.9732

Background



This preview shows how black text looks on a background with the XYZ color 25.9942, 23.0288, 34.9732.



This preview shows how white text looks on a background with the XYZ color 25.9942, 23.0288,

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

25.9942, 23.0288, 34.9732

Protanopia

23.1846, 23.2369, 37.9135

Deuteranopia

23.5239, 23.0874, 34.6690



Tritanopia

24.2992, 23.0888, 26.4684

Trichromacy



Original Color

25.9942, 23.0288, 34.9732

Protanomaly

24.1439, 23.1624, 36.9165

Deuteranomaly

24.2768, 22.8975, 34.5926

Tritanomaly

24.9453, 23.1649, 29.5421

Monochromacy



Original Color

25.9942, 23.0288, 34.9732

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.9251, 23.6112, 29.2830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9942, 23.0288, 34.9732 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(152, 122, 157)` looks like.

```
.text, #text, p{  
    color:rgb(152, 122, 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(152, 122, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 122, 157) }
```

Border

The CSS property to change the border of an element to XYZ 25.9942, 23.0288, 34.9732 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(152, 122, 157) }
```


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

```
.border{ border-color:rgb(152, 122, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 122, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 122, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 122, 157);  
box-shadow:4px 4px 4px 4px rgb(152, 122,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9942, 23.0288, 34.9732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 122, 157) }
```

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

```
.background{ background-color: rgb(152,  
122, 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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