

Converting Colors

XYZ(24.2430, 21.9601, 33.0980)

Have a look what the booklet for
XYZ(24.2430, 21.9601, 33.0980)
contains.

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Color

**XYZ(24.2642, 21.9944,
33.1035)**

Conversions

Conversions Part 1

Format	Color
Hex	917999
RGB	145, 121, 153
RGB Percent	57%, 47%, 60%
CMY	0.4314, 0.5255, 0.4000
CMYK	0.05, 0.21, 0.00, 0.40
HSL	285°, 14%, 54%
HSV	285°, 21%, 60%
XYZ	24.2642, 21.9944, 33.1035
YIQ	131.8240, 4.0320, 15.0400

Conversions

Conversions Part 2

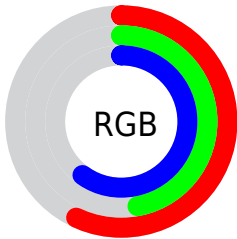
Format	Color
R_{YB}	145, 121, 153
Decimal	9533849
CIE _{Lab}	54.02, 15.37, -13.76
CIE _{LCh}	54, 20.628, 318.169
Y _{xy}	21.9944, 0.3057, 0.2771
Android (android.graphics.Color)	4287723929 (0xFF917999)
YUV	131.8240, 10.4398, 11.5554
Hunter-Lab	46.8982, 10.2806, -9.0216

Details

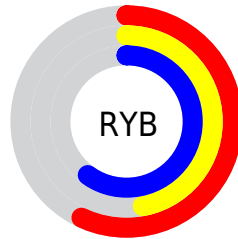
The XYZ color **24.2642, 21.9944, 33.1035** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.8965, 28.8307, 22.3956**, and the grayscale version is **21.8319, 22.9689, 25.0131**.

A 20% lighter version of the original color is **49.7592, 46.5342, 65.3909**, and **9.3317, 7.9737, 13.6176** is the 20% darker color. If you saturate the color by 10%, you get **21.8878, 18.2251, 32.5015**, and if you desaturate by 10%, it is **26.9596, 26.3671, 33.8058**.

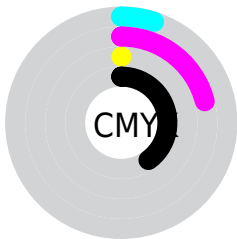
Distribution



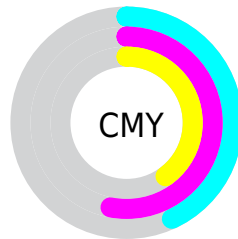
- Red (57%)
- Green (47%)
- Blue (60%)



- Red (57%)
- Yellow (47%)
- Blue (60%)



- Cyan (5%)
- Magenta (21%)
- Yellow (0%)
- Black (40%)



- Cyan (43%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2642, 21.9944, 33.1035 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 24.2642, 21.9944, 33.1035 by changing the saturation by 10% instead.

■ 24.2642, 21.9944,
33.1035

■ 24.2642, 21.9944,
33.1035

266.5692,
262.5170, 330.7622

■ 15.6555, 13.8528,
21.9340

■ 49.9125, 46.7367,
65.6550

■ 9.3700, 8.0183,
13.6105

■ 67.6829, 64.1063,
87.8740

■ 5.0423, 4.1067,
7.7147

■ 89.2379, 85.3205,
114.6132

■ 2.3071, 1.7334,
3.8278

114.9428,
110.7639, 146.2913

■ 0.7983, 0.4452,
1.5313

145.1630,
140.8209, 183.3267

■ 0.0000, 0.0000,
0.2411

180.2640,

■ 0.0000, 0.0000,

175.8758, 226.1379

0.0000

220.6109,
216.3131, 275.1436

■ 24.2642, 21.9944,
33.1035

■ 24.2642, 21.9944,
33.1035

■ 21.8878, 18.2251,
32.5015

■ 26.9596, 26.3671,
33.8058

■ 19.8142, 15.0285,
31.9938

■ 29.9850, 31.3664,
34.6113

■ 18.0290, 12.3755,
31.5758

■ 33.3536, 37.0176,
35.5245

■ 16.5154, 10.2332,
31.2421

■ 37.0772, 43.3441,
36.5494

■ 15.2552, 8.5651,
30.9866

■ 41.1667, 50.3676,
37.6896

■ 14.2273, 7.3299,
30.8023

■ 45.6330, 58.1094,
38.9485

■ 13.4074, 6.4787,
30.6812

■ 50.4863, 66.5894,
40.3295

■ 12.7871, 5.9278,
30.6076

■ 55.7362, 75.8270,
41.8358

■ 60.1992, 83.4547,
43.0729

Harmonies

Analogous

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



22.2703, 21.9944, 37.6076



24.2642, 21.9944, 33.1035



25.3871, 21.9944, 26.5541

Triad

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



24.2642, 21.9944, 33.1035



21.7962, 21.9944, 13.8306



17.0912, 21.9944, 27.9836

Complementary

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



24.2642, 21.9944, 33.1035



23.8965, 28.8307, 22.3956

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.



16.9842, 21.9944, 21.5185



24.2642, 21.9944, 33.1035



19.5967, 21.9944, 14.0757

Square

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



24.2642, 21.9944, 33.1035



23.8960, 21.9944, 15.9165



17.8711, 21.9944, 16.6587



18.1747, 21.9944, 34.3088

Rectangle

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



24.2642, 21.9944, 33.1035



25.4413, 21.9944, 22.2458



17.8711, 21.9944, 16.6587



16.9428, 21.9944, 25.7352

Sweetspot

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



24.2649, 21.9953, 33.1040



50.8035, 51.3697, 61.2097



21.5565, 22.2072, 33.2876



11.1490, 11.2292, 13.4973



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.



24.2649, 21.9953, 33.1040



41.4360, 36.1670, 58.7690



25.1270, 22.5088, 30.0251



6.3104, 6.2459, 7.8020



10.5997, 4.9154, 25.2978



0.1907, 0.0901, 0.3797

Inverse Universe

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



23.9375, 22.0330, 23.7611



40.7885, 36.2734, 38.8511



23.2043, 28.4188, 24.8468



6.2690, 6.2468, 6.7967



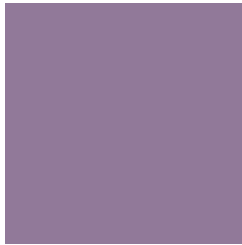
11.1617, 5.7189, 2.1107



0.1798, 0.0907, 0.0996

Previews

White Background



This preview shows how the XYZ color 24.2642, 21.9944, 33.1035 looks on a white background.

Color Contrast Check

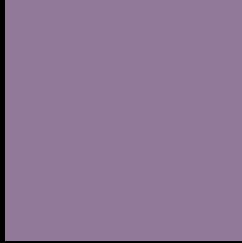
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2642, 21.9944, 33.1035 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 24.2642, 21.9944, 33.1035

Background



This preview shows how black text looks on a background with the XYZ color 24.2642, 21.9944, 33.1035.



This preview shows how white text looks on a background with the XYZ color 24.2642, 21.9944,

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

24.2642, 21.9944, 33.1035

Protanopia

22.0591, 22.1179, 35.4543

Deuteranopia

22.4884, 22.0140, 32.7696



Tritanopia

22.6661, 21.8873, 25.5843

Trichromacy



Original Color

24.2642, 21.9944, 33.1035

Protanomaly

22.6944, 21.8928, 34.4821

Deuteranomaly

23.0285, 21.9165, 32.7223

Tritanomaly

23.2184, 21.9286, 28.2082

Monochromacy



Original Color

24.2642, 21.9944, 33.1035

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.7693, 22.6502, 27.9828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2642, 21.9944, 33.1035 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(145, 121, 153)` looks like.

```
.text, #text, p{  
    color:rgb(145, 121, 153)  
}
```

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(145, 121, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 121, 153) }
```

Border

The CSS property to change the border of an element to XYZ 24.2642, 21.9944, 33.1035 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(145, 121, 153) }
```


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

```
.border{ border-color:rgb(145, 121, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 121, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 121, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 121, 153);  
box-shadow:4px 4px 4px 4px rgb(145, 121,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2642, 21.9944, 33.1035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 121, 153) }
```

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

```
.background{ background-color: rgb(145,  
121, 153) }
```

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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