

Converting Colors

XYZ(23.4208, 21.4303, 29.1008)

Have a look what the booklet for
XYZ(23.4208, 21.4303, 29.1008)
contains.

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Color

**XYZ(23.4276, 21.4663,
29.2942)**

Conversions

Conversions Part 1

Format	Color
Hex	917890
RGB	145, 120, 144
RGB Percent	57%, 47%, 56%
CMY	0.4314, 0.5294, 0.4353
CMYK	0.00, 0.17, 0.01, 0.43
HSL	302°, 10%, 52%
HSV	302°, 17%, 57%
XYZ	23.4276, 21.4663, 29.2942
YIQ	130.2110, 7.1960, 12.7640

Conversions

Conversions Part 2

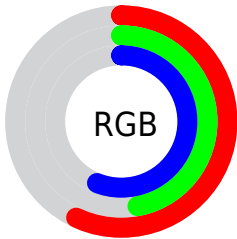
Format	Color
R_{YB}	145, 120, 144
Decimal	9533584
CIE _{Lab}	53.46, 14.12, -9.36
CIE _{LCh}	53, 16.939, 326.451
Yxy	21.4663, 0.3158, 0.2893
Android (android.graphics.Color)	4287723664 (0xFF917890)
YUV	130.2110, 6.7980, 12.9700
Hunter-Lab	46.3317, 9.1778, -5.0551

Details

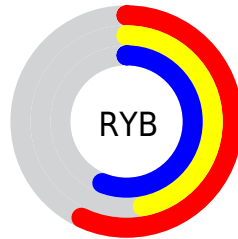
The XYZ color **23.4276, 21.4663, 29.2942** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.3232, 25.6250, 21.9126**, and the grayscale version is **21.2682, 22.3758, 24.3673**.

A 20% lighter version of the original color is **48.4988, 45.7244, 59.6956**, and **8.8897, 7.6943, 11.6063** is the 20% darker color. If you saturate the color by 10%, you get **21.7701, 18.2218, 28.5237**, and if you desaturate by 10%, it is **25.3507, 25.2410, 30.1549**.

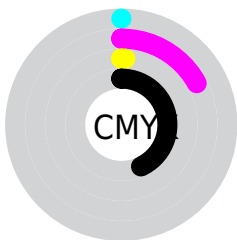
Distribution



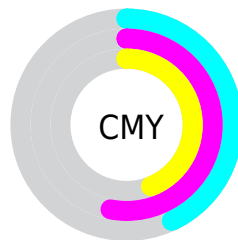
- Red (57%)
- Green (47%)
- Blue (56%)



- Red (57%)
- Yellow (47%)
- Blue (56%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (43%)



- Cyan (43%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4276, 21.4663, 29.2942 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 23.4276, 21.4663, 29.2942 by changing the saturation by 10% instead.

■ 23.4276, 21.4663,
29.2942

■ 23.4276, 21.4663,
29.2942

262.4082,
259.7463, 312.7048

■ 15.0320, 13.4653,
19.0560

■ 48.5560, 45.8623,
59.5919

■ 8.9283, 7.7497,
11.5335

■ 66.0195, 63.0261,
80.4886

■ 4.7512, 3.9352,
6.3082

■ 87.2364, 84.0129,
105.7751

■ 2.1353, 1.6374,
2.9616

112.5719,
109.2071, 135.8700

■ 0.7083, 0.3826,
1.0751

142.3915,
138.9932, 171.1919

■ 0.0000, 0.0000,
0.0000

177.0605,

173.7555, 212.1593

216.9443,
213.8784, 259.1908

■ 23.4276, 21.4663,
29.2942

■ 23.4276, 21.4663,
29.2942

■ 21.7701, 18.2218,
28.5237

■ 25.3507, 25.2410,
30.1549

■ 20.3644, 15.4809,
27.8380

■ 27.5486, 29.5652,
31.1080

■ 19.1985, 13.2191,
27.2333

■ 30.0323, 34.4608,
32.1576

■ 18.2585, 11.4088,
26.7050

■ 32.8118, 39.9475,
33.3069

■ 17.5291, 10.0194,
26.2481

■ 35.8965, 46.0443,
34.5591

■ 16.9932, 9.0165,
25.8568

■ 39.2955, 52.7692,
35.9171

■ 16.6309, 8.3606,
25.5244

■ 43.0173, 60.1395,
37.3839

■ 16.4071, 7.9813,
25.2394

■ 47.0703, 68.1718,
38.9623

■ 16.3520, 7.8897,
25.1631

■ 51.4625, 76.8821,
40.6548

Harmonies

Analogous

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



21.9849, 21.4663, 33.4253



23.4276, 21.4663, 29.2942



24.0585, 21.4663, 23.9925

Triad

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



23.4276, 21.4663, 29.2942



20.6182, 21.4663, 14.8056



17.4568, 21.4663, 28.0753

Complementary

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



23.4276, 21.4663, 29.2942



21.3232, 25.6250, 21.9126

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.



17.1380, 21.4663, 22.7645



23.4276, 21.4663, 29.2942



18.8990, 21.4663, 15.5702

Square

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



23.4276, 21.4663, 29.2942



22.3775, 21.4663, 16.0432



17.6508, 21.4663, 18.3091



18.5484, 21.4663, 32.6520

Rectangle

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



23.4276, 21.4663, 29.2942



23.9080, 21.4663, 20.6753



17.6508, 21.4663, 18.3091



17.2586, 21.4663, 26.2960

Sweetspot

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



23.4282, 21.4672, 29.2947



46.1971, 46.7718, 54.3524



19.6901, 19.5313, 29.5207



10.2245, 10.3017, 12.0683



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.4282, 21.4672, 29.2947



40.6528, 35.8912, 51.8628



22.5364, 21.1105, 24.5982



5.6171, 5.5074, 6.7475



14.0277, 6.7681, 21.5952



0.1360, 0.0655, 0.2164

Inverse Universe

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



23.4282, 21.4672, 29.2947



40.6528, 35.8912, 51.8628



22.1286, 25.9472, 26.1540



5.6171, 5.5074, 6.7475



14.0277, 6.7681, 21.5952



0.1360, 0.0655, 0.2164

Previews

White Background



This preview shows how the XYZ color 23.4276, 21.4663, 29.2942 looks on a white background.

Color Contrast Check

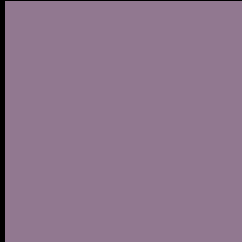
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4276, 21.4663, 29.2942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

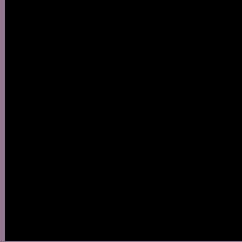
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.4276, 21.4663, 29.2942

Background



This preview shows how black text looks on a background with the XYZ color 23.4276, 21.4663, 29.2942.



This preview shows how white text looks on a background with the XYZ color 23.4276, 21.4663,

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

23.4276, 21.4663, 29.2942

Protanopia

21.2468, 21.6019, 31.0667

Deuteranopia

21.8384, 21.3850, 28.9633



Tritanopia

22.4521, 21.4247, 24.7818

Trichromacy



Original Color

23.4276, 21.4663, 29.2942

Protanomaly

21.9898, 21.4274, 30.5807

Deuteranomaly

22.3574, 21.4675, 28.9519

Tritanomaly

22.7829, 21.3816, 26.2188

Monochromacy



Original Color

23.4276, 21.4663, 29.2942

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.8257, 21.8219, 25.9834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4276, 21.4663, 29.2942 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, 120, 144)` looks like.

```
.text, #text, p{  
    color:rgb(145, 120, 144)  
}
```

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, 120, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 120, 144) }
```

Border

The CSS property to change the border of an element to XYZ 23.4276, 21.4663, 29.2942 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, 120, 144) }
```


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

```
.border{ border-color:rgb(145, 120, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 120, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 120, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 120, 144);  
box-shadow:4px 4px 4px 4px rgb(145, 120,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4276, 21.4663, 29.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 120, 144) }
```

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

```
.background{ background-color: rgb(145,  
120, 144) }
```

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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