

Converting Colors

XYZ(23.5631, 21.6778, 32.7742)

Have a look what the booklet for
XYZ(23.5631, 21.6778, 32.7742)
contains.

XYZ(23.4894, 21.6045, 32.6378)	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(23.4894, 21.6045,
32.6378)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7998
RGB	141, 121, 152
RGB Percent	55%, 47%, 60%
CMY	0.4471, 0.5255, 0.4039
CMYK	0.07, 0.20, 0.00, 0.40
HSL	279°, 13%, 54%
HSV	279°, 20%, 60%
XYZ	23.4894, 21.6045, 32.6378
YIQ	130.5140, 1.9690, 13.8810

Conversions

Conversions Part 2

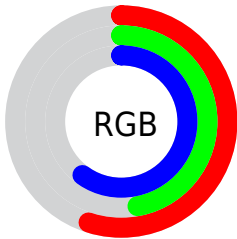
Format	Color
R_{YB}	141, 121, 152
Decimal	9271704
CIE _{Lab}	53.60, 13.75, -13.84
CIE _{LCh}	54, 19.511, 314.813
Yxy	21.6045, 0.3022, 0.2779
Android (android.graphics.Color)	4287461784 (0xFF8D7998)
YUV	130.5140, 10.5926, 9.1962
Hunter-Lab	46.4806, 8.8654, -9.0958

Details

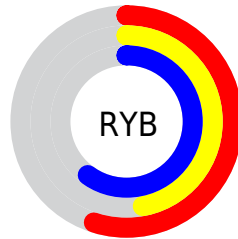
The XYZ color **23.4894, 21.6045, 32.6378** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.1959, 28.7430, 22.3629**, and the grayscale version is **21.3639, 22.4765, 24.4769**.

A 20% lighter version of the original color is **48.5898, 45.9455, 64.6999**, and **8.9807, 7.7985, 13.3438** is the 20% darker color. If you saturate the color by 10%, you get **20.8911, 17.7360, 32.0284**, and if you desaturate by 10%, it is **26.4248, 26.0800, 33.3473**.

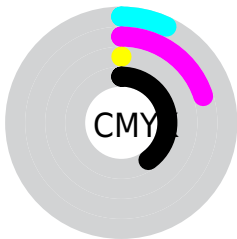
Distribution



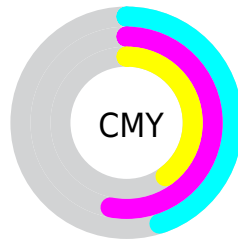
- Red (55%)
- Green (47%)
- Blue (60%)



- Red (55%)
- Yellow (47%)
- Blue (60%)



- Cyan (7%)
- Magenta (20%)
- Yellow (0%)
- Black (40%)



- Cyan (45%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4894, 21.6045, 32.6378 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 23.4894, 21.6045, 32.6378 by changing the saturation by 10% instead.

■ 23.4894, 21.6045,
32.6378

■ 23.4894, 21.6045,
32.6378

262.7174,
260.4739, 328.5963

■ 15.0780, 13.5666,
21.5803

■ 48.6564, 46.0914,
64.9191

■ 8.9608, 7.8198,
13.3535

■ 66.1428, 63.3093,
86.9800

■ 4.7725, 3.9799,
7.5388

■ 87.3848, 84.3558,
113.5457

■ 2.1478, 1.6623,
3.7178

112.7478,
109.6156, 145.0349

■ 0.7150, 0.3991,
1.4718

142.5973,
139.4728, 181.8659

■ 0.0000, 0.0000,
0.1968

177.2984,

■ 0.0000, 0.0000,

174.3120, 224.4575

0.0000

217.2167,
214.5176, 273.2281

■ 23.4894, 21.6045,
32.6378

■ 23.4894, 21.6045,
32.6378

■ 20.8911, 17.7360,
32.0284

■ 26.4248, 26.0800,
33.3473

■ 18.6136, 14.4443,
31.5131

■ 29.7086, 31.1854,
34.1596

■ 16.6423, 11.7005,
31.0873

■ 33.3540, 36.9459,
35.0794

■ 14.9605, 9.4722,
30.7459

■ 37.3730, 43.3844,
36.1103

■ 13.5497, 7.7236,
30.4827

■ 41.7767, 50.5228,
37.2561

12.3892, 6.4140,
30.2911

46.5761, 58.3817,
38.5200

11.4545, 5.4956,
30.1631

51.7816, 66.9812,
39.9056

10.7114, 4.8672,
30.0810

57.4032, 76.3404,
41.4158

62.5493, 84.6757,
42.7534

Harmonies

Analogous

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



21.5758, 21.6045, 36.4505



23.4894, 21.6045, 32.6378



24.6485, 21.6045, 26.6591

Triad

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



23.4894, 21.6045, 32.6378



21.6019, 21.6045, 14.0973



16.8998, 21.6045, 26.5807

Complementary

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



23.4894, 21.6045, 32.6378



24.1959, 28.7430, 22.3629

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.



16.9057, 21.6045, 20.6442



23.4894, 21.6045, 32.6378



19.5271, 21.6045, 14.0836

Square

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



23.4894, 21.6045, 32.6378



23.5096, 21.6045, 16.3283



17.8383, 21.6045, 16.2870



17.8215, 21.6045, 32.5721

Rectangle

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



23.4894, 21.6045, 32.6378



24.7908, 21.6045, 22.5739



17.8383, 21.6045, 16.2870



16.7955, 21.6045, 24.4996

Sweetspot

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



23.4901, 21.6054, 32.6383



49.0438, 49.7480, 59.4511



21.8546, 22.9350, 32.9811



11.0709, 11.1890, 13.4937



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.



23.4901, 21.6054, 32.6383



39.5229, 35.2267, 57.1500



25.1216, 22.4850, 30.9781



6.2484, 6.2139, 7.7991



9.0156, 4.0988, 25.2237



0.1740, 0.0815, 0.3789

Inverse Universe

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



23.9519, 22.0170, 24.8181



40.5175, 36.1005, 40.8839



22.8244, 28.0061, 23.6505



6.2948, 6.2571, 6.9326



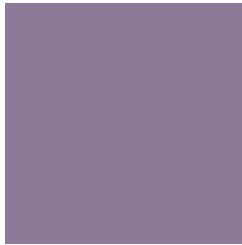
11.4281, 5.8255, 3.5135



0.1871, 0.0936, 0.1381

Previews

White Background



This preview shows how the XYZ color 23.4894, 21.6045, 32.6378 looks on a white background.

Color Contrast Check

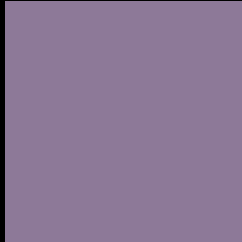
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4894, 21.6045, 32.6378 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 23.4894, 21.6045, 32.6378

Background



This preview shows how black text looks on a background with the XYZ color 23.4894, 21.6045, 32.6378.



This preview shows how white text looks on a background with the XYZ color 23.4894, 21.6045,

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

23.4894, 21.6045, 32.6378

Protanopia

21.6162, 21.7166, 34.5049

Deuteranopia

21.9728, 21.5687, 32.2832



Tritanopia

21.9920, 21.5398, 25.5528

Trichromacy



Original Color

23.4894, 21.6045, 32.6378

Protanomaly

22.3033, 21.7009, 34.0235

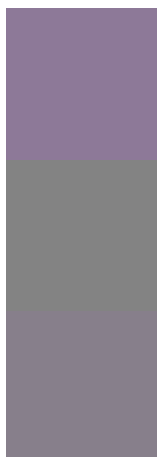
Deuteranomaly

22.4664, 21.6362, 32.2703

Tritanomaly

22.5381, 21.5780, 28.1764

Monochromacy



Original Color

23.4894, 21.6045, 32.6378

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.2412, 22.1937, 27.5377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4894, 21.6045, 32.6378 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(141, 121, 152)` looks like.

```
.text, #text, p{  
    color:rgb(141, 121, 152)  
}
```

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(141, 121, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 121, 152) }
```

Border

The CSS property to change the border of an element to XYZ 23.4894, 21.6045, 32.6378 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(141, 121, 152) }
```


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

```
.border{ border-color:rgb(141, 121, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 121, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 121, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 121, 152);  
box-shadow:4px 4px 4px 4px rgb(141, 121,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4894, 21.6045, 32.6378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 121, 152) }
```

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

```
.background{ background-color: rgb(141,  
121, 152) }
```

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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