

Converting Colors

XYZ(23.0493, 21.5124, 33.6586)

Have a look what the booklet for
XYZ(23.0493, 21.5124, 33.6586)
contains.

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Color

**XYZ(23.1088, 21.5705,
33.5174)**

Conversions

Conversions Part 1

Format	Color
Hex	897A9A
RGB	137, 122, 154
RGB Percent	54%, 48%, 60%
CMY	0.4627, 0.5216, 0.3961
CMYK	0.11, 0.21, 0.00, 0.40
HSL	268°, 14%, 54%
HSV	268°, 21%, 60%
XYZ	23.1088, 21.5705, 33.5174
YIQ	130.1330, -1.3320, 13.1320

Conversions

Conversions Part 2

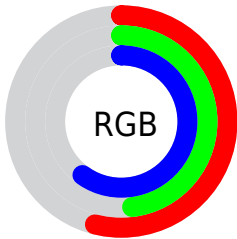
Format	Color
R_{YB}	137, 122, 154
Decimal	9009818
CIE _{Lab}	53.57, 12.20, -15.10
CIE _{LCh}	54, 19.413, 308.955
Yxy	21.5705, 0.2955, 0.2758
Android (android.graphics.Color)	4287199898 (0xFF897A9A)
YUV	130.1330, 11.7664, 6.0224
Hunter-Lab	46.4441, 7.5377, -10.2771

Details

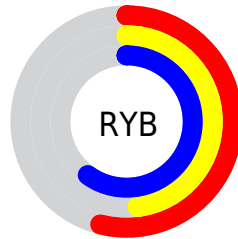
The XYZ color **23.1088, 21.5705, 33.5174** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **25.7166, 30.0058, 22.8496**, and the grayscale version is **21.2257, 22.3311, 24.3186**.

A 20% lighter version of the original color is **48.0071, 45.9025, 66.0043**, and **8.7612, 7.7706, 13.8701** is the 20% darker color. If you saturate the color by 10%, you get **20.0751, 17.4189, 32.8763**, and if you desaturate by 10%, it is **26.5452, 26.3756, 34.2641**.

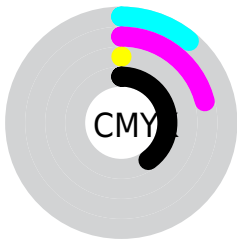
Distribution



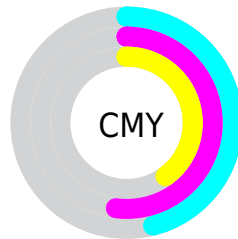
- Red (54%)
- Green (48%)
- Blue (60%)



- Red (54%)
- Yellow (48%)
- Blue (60%)



- Cyan (11%)
- Magenta (21%)
- Yellow (0%)
- Black (40%)



- Cyan (46%)
- Magenta (52%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1088, 21.5705, 33.5174 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 23.1088, 21.5705, 33.5174 by changing the saturation by 10% instead.

■ 23.1088, 21.5705,
33.5174

■ 23.1088, 21.5705,
33.5174

260.8082,
260.2950, 332.6780

■ 14.7950, 13.5417,
22.2487

■ 48.0373, 46.0351,
66.3078

■ 8.7610, 7.8026,
13.8397

■ 65.3826, 63.2396,
88.6666

■ 4.6415, 3.9689,
7.8718

■ 86.4692, 84.2715,
115.5592

■ 2.0711, 1.6562,
3.9264

111.6624,
109.5151, 147.4041

■ 0.6734, 0.3950,
1.5851

141.3276,
139.3549, 184.6199

■ 0.0000, 0.0000,
0.2801

175.8300,

■ 0.0000, 0.0000,

174.1752, 227.6251

0.0000

215.5351,
214.3605, 276.8383

■ 23.1088, 21.5705,
33.5174

■ 23.1088, 21.5705,
33.5174

■ 20.0751, 17.4189,
32.8763

■ 26.5452, 26.3756,
34.2641

■ 17.4258, 13.8889,
32.3346

■ 30.3976, 31.8590,
35.1195

■ 15.1441, 10.9497,
31.8875

■ 34.6812, 38.0474,
36.0882

■ 13.2108, 8.5668,
31.5294

■ 39.4097, 44.9652,
37.1742

■ 11.6051, 6.7020,
31.2541

■ 44.5962, 52.6357,
38.3814

10.3033, 5.3121,
31.0545

50.2533, 61.0811,
39.7134

9.2782, 4.3465,
30.9221

56.3930, 70.3228,
41.1736

8.5192, 3.7180,
30.8408

63.0268, 80.3811,
42.7654

68.3523, 87.6481,
43.8874

Harmonies

Analogous

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



21.1282, 21.5705, 36.6481



23.1088, 21.5705, 33.5174



24.4474, 21.5705, 27.8242

Triad

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



23.1088, 21.5705, 33.5174



21.9655, 21.5705, 14.3703



16.8150, 21.5705, 25.3068

Complementary

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



23.1088, 21.5705, 33.5174



25.7166, 30.0058, 22.8496

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.



17.0059, 21.5705, 19.6250



23.1088, 21.5705, 33.5174



19.8885, 21.5705, 13.9269

Square

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



23.1088, 21.5705, 33.5174



23.7570, 21.5705, 17.0218



18.0992, 21.5705, 15.6880



17.5590, 21.5705, 31.4105

Rectangle

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



23.1088, 21.5705, 33.5174



24.7465, 21.5705, 23.6952



18.0992, 21.5705, 15.6880



16.7731, 21.5705, 23.2793

Sweetspot

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



23.1095, 21.5714, 33.5179



51.3845, 52.3957, 62.9414



23.1018, 24.9560, 34.1716



11.5372, 11.7267, 14.2258



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.



23.1095, 21.5714, 33.5179



39.2870, 35.4783, 60.3136



25.9171, 23.0188, 33.6493



6.1460, 6.1611, 7.7943



6.9814, 3.0501, 25.1285



0.1459, 0.0670, 0.3776

Inverse Universe

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



24.9468, 22.6540, 27.4848



43.3094, 37.8494, 47.0600



23.2471, 28.7328, 22.7340



6.3390, 6.2748, 7.1655



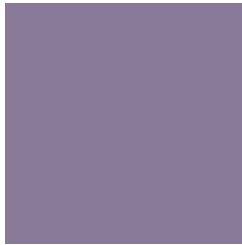
12.1107, 6.0985, 7.1078



0.1994, 0.0985, 0.2030

Previews

White Background



This preview shows how the XYZ color 23.1088, 21.5705, 33.5174 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 23.1088, 21.5705, 33.5174 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 23.1088, 21.5705, 33.5174

Background



This preview shows how black text looks on a background with the XYZ color 23.1088, 21.5705, 33.5174.



This preview shows how white text looks on a background with the XYZ color 23.1088, 21.5705,

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

23.1088, 21.5705, 33.5174

Protanopia

21.5603, 21.6780, 34.9462

Deuteranopia

21.9855, 21.5563, 33.1390



Tritanopia

21.5383, 21.4848, 25.9335

Trichromacy



Original Color

23.1088, 21.5705, 33.5174

Protanomaly

22.0868, 21.5796, 34.4537

Deuteranomaly

22.3175, 21.5405, 33.1185

Tritanomaly

22.0818, 21.5192, 28.5810

Monochromacy



Original Color

23.1088, 21.5705, 33.5174

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.9224, 22.0294, 27.5228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1088, 21.5705, 33.5174 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(137, 122, 154)` looks like.

```
.text, #text, p{  
    color:rgb(137, 122, 154)  
}
```

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(137, 122, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 122, 154) }
```

Border

The CSS property to change the border of an element to XYZ 23.1088, 21.5705, 33.5174 is called "border". The border property can be set on classes, ids or directly on the HTML element.

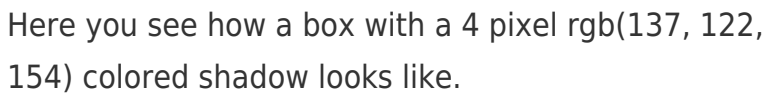
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 122, 154) }
```


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

```
.border{ border-color:rgb(137, 122, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 122, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 122, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 122, 154); box-shadow:4px 4px 4px 4px rgb(137, 122, 154) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1088, 21.5705, 33.5174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 122, 154) }
```

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

```
.background{ background-color: rgb(137,  
122, 154) }
```

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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