

Converting Colors

XYZ(23.3917, 14.7748, 22.6693)

Have a look what the booklet for
XYZ(23.3917, 14.7748, 22.6693)
contains.

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Color

**XYZ(23.3910, 14.7522,
22.7337)**

Conversions

Conversions Part 1

Format	Color
Hex	AD4582
RGB	173, 69, 130
RGB Percent	68%, 27%, 51%
CMY	0.3216, 0.7294, 0.4902
CMYK	0.00, 0.60, 0.25, 0.32
HSL	325°, 43%, 47%
HSV	325°, 60%, 68%
XYZ	23.3910, 14.7522, 22.7337
YIQ	107.0500, 42.4030, 41.0190

Conversions

Conversions Part 2

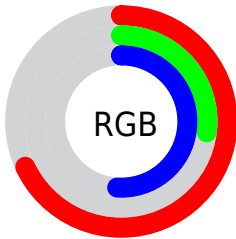
Format	Color
RYB	173, 69, 130
Decimal	11355522
CIELab	45.29, 49.14, -12.97
CIELCh	45, 50.823, 345.212
Yxy	14.7522, 0.3842, 0.2423
Android (android.graphics.Color)	4289545602 (0xFFAD4582)
YUV	107.0500, 11.3144, 57.8382
Hunter-Lab	38.4086, 41.4922, -8.2072

Details

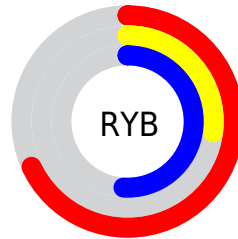
The XYZ color **23.3910, 14.7522, 22.7337** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **20.3232, 32.3227, 20.4986**, and the grayscale version is **13.9510, 14.6775, 15.9838**.

A 20% lighter version of the original color is **48.4618, 34.3269, 48.8713**, and **8.8756, 4.4845, 8.1824** is the 20% darker color. If you saturate the color by 10%, you get **22.0142, 12.7403, 19.9876**, and if you desaturate by 10%, it is **25.1123, 17.3993, 25.7596**.

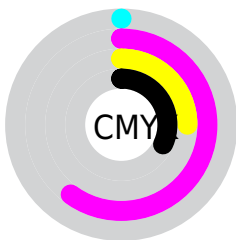
Distribution



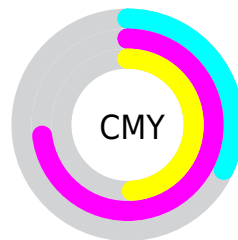
- Red (68%)
- Green (27%)
- Blue (51%)



- Red (68%)
- Yellow (27%)
- Blue (51%)



- Cyan (0%)
- Magenta (60%)
- Yellow (25%)
- Black (32%)





- Cyan (32%)
- Magenta (73%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3910, 14.7522, 22.7337 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 23.3910, 14.7522, 22.7337 by changing the saturation by 10% instead.


 23.3910, 14.7522,
22.7337


 23.3910, 14.7522,
22.7337


262.2249,
221.8614, 279.4317

 15.0048, 8.6457,
14.1935


 48.4965, 34.4179,
48.8733


 8.9091, 4.5108,
8.1151


 65.9465, 48.7458,
67.3099


 4.7386, 1.9632,
4.0799

 87.1484, 66.5830,
89.8823

 2.1279, 0.5860,
1.6693

 112.4677, 88.3138,
117.0092

 0.7043, 0.0000,
0.3395

 142.2696,
114.3227, 149.1090

 0.0000, 0.0000,
0.0000

176.9195,

144.9939, 186.6004

216.7829,
180.7121, 229.9017

■ 23.3910, 14.7522,
22.7337

■ 23.3910, 14.7522,
22.7337

■ 22.0142, 12.7403,
19.9876

■ 25.1123, 17.3993,
25.7596

■ 20.9520, 11.3055,
17.5077

■ 27.2019, 20.7287,
29.0761

■ 20.1714, 10.3827,
15.2796

■ 29.6830, 24.7855,
32.6941

■ 19.6056, 9.8331,
13.2971

■ 32.5762, 29.6102,
36.6237

■ 35.9009, 35.2403,
40.8742

■ 39.6751, 41.7111,
45.4545

■ 43.9158, 49.0554,
50.3732

■ 48.6389, 57.3045,
55.6383

■ 53.8598, 66.4880,
61.2576

Harmonies

Analogous

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



20.5844, 14.7522, 38.5453



23.3910, 14.7522, 22.7337



23.3692, 14.7522, 10.7168

Triad

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



23.3910, 14.7522, 22.7337



12.0036, 14.7522, 2.4724



9.0585, 14.7522, 38.7631

Complementary

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



23.3910, 14.7522, 22.7337



20.3232, 32.3227, 20.4986

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.



7.5728, 14.7522, 22.9432



23.3910, 14.7522, 22.7337



9.0269, 14.7522, 4.6430

Square

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



23.3910, 14.7522, 22.7337



16.1900, 14.7522, 2.4597



7.5626, 14.7522, 10.8438



12.0558, 14.7522, 50.5043

Rectangle

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



23.3910, 14.7522, 22.7337



21.7265, 14.7522, 6.0629



7.5626, 14.7522, 10.8438



8.3948, 14.7522, 33.4735

Sweetspot

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



23.3914, 14.7529, 22.7340



59.3549, 54.7348, 66.9168



16.1771, 10.6279, 40.7342



12.5556, 11.3173, 14.0914



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



23.3914, 14.7529, 22.7340



38.7695, 21.9024, 34.3492



20.7882, 13.7117, 9.0256



8.1948, 8.0912, 9.3368



14.4321, 7.2354, 9.9210



0.4279, 0.2118, 0.4149

Inverse Universe

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



23.3914, 14.7529, 22.7340



38.7695, 21.9024, 34.3492



23.9735, 33.7828, 39.7204



8.1948, 8.0912, 9.3368



14.4321, 7.2354, 9.9210



0.4279, 0.2118, 0.4149

Previews

White Background



This preview shows how the XYZ color 23.3910, 14.7522, 22.7337 looks on a white background.

Color Contrast Check

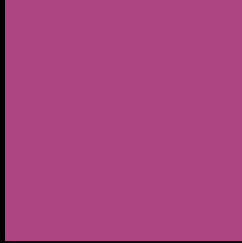
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 23.3910, 14.7522, 22.7337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

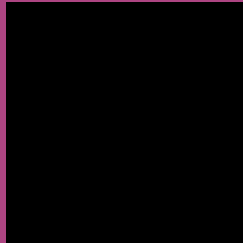
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.3910, 14.7522, 22.7337

Background



This preview shows how black text looks on a background with the XYZ color 23.3910, 14.7522, 22.7337.



This preview shows how white text looks on a background with the XYZ color 23.3910, 14.7522,

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

23.3910, 14.7522, 22.7337

Protanopia

15.5542, 14.9665, 33.9673

Deuteranopia

15.1201, 14.8734, 21.1427



Tritanopia

20.8705, 14.8282, 10.3565

Trichromacy



Original Color

23.3910, 14.7522, 22.7337

Protanomaly

17.0660, 14.0002, 29.4066

Deuteranomaly

17.2659, 14.1472, 21.5593

Tritanomaly

21.5110, 14.6545, 14.0068

Monochromacy



Original Color

23.3910, 14.7522, 22.7337

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

16.3689, 13.8918, 18.0383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3910, 14.7522, 22.7337 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(173, 69, 130)` looks like.

```
.text, #text, p{  
    color:rgb(173, 69, 130)  
}
```

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(173, 69, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 69, 130) }
```

Border

The CSS property to change the border of an element to XYZ 23.3910, 14.7522, 22.7337 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(173, 69, 130) }
```


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

```
.border{ border-color:rgb(173, 69, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 69, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 69, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 69, 130);  
box-shadow:4px 4px 4px 4px rgb(173, 69,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3910, 14.7522, 22.7337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 69, 130) }
```

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

```
.background{ background-color: rgb(173, 69,  
130) }
```

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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