

Converting Colors

XYZ(22.6306, 14.1607, 19.1836)

Have a look what the booklet for
XYZ(22.6306, 14.1607, 19.1836)
contains.

XYZ(22.5720, 14.1367, 19.3083)	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(22.5720, 14.1367,
19.3083)**

Conversions

Conversions Part 1

Format	Color
Hex	AD4278
RGB	173, 66, 120
RGB Percent	68%, 26%, 47%
CMY	0.3216, 0.7412, 0.5294
CMYK	0.00, 0.62, 0.31, 0.32
HSL	330°, 45%, 47%
HSV	330°, 62%, 68%
XYZ	22.5720, 14.1367, 19.3083
YIQ	104.1490, 46.4380, 39.4780

Conversions

Conversions Part 2

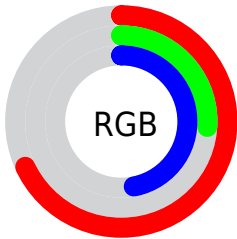
Format	Color
R_{YB}	173, 66, 120
Decimal	11354744
CIE _{Lab}	44.43, 49.17, -8.18
CIE _{LCh}	44, 49.841, 350.558
Yxy	14.1367, 0.4029, 0.2524
Android (android.graphics.Color)	4289544824 (0xFFAD4278)
YUV	104.1490, 7.8145, 60.3823
Hunter-Lab	37.5988, 41.3625, -4.1283

Details

The XYZ color **22.5720, 14.1367, 19.3083** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **20.5209, 32.3778, 22.6224**, and the grayscale version is **13.1695, 13.8554, 15.0885**.

A 20% lighter version of the original color is **47.1179, 33.4004, 42.9933**, and **8.5058, 4.2498, 6.5029** is the 20% darker color. If you saturate the color by 10%, you get **21.2128, 12.2136, 16.4030**, and if you desaturate by 10%, it is **24.2843, 16.6912, 22.5612**.

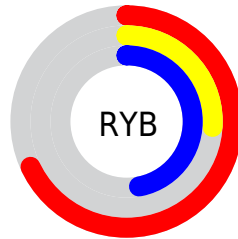
Distribution



Red (68%)

Green (26%)

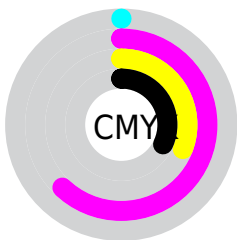
Blue (47%)



Red (68%)

Yellow (26%)

Blue (47%)

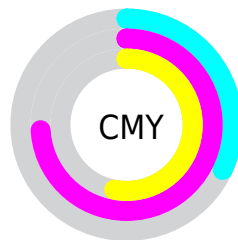


Cyan (0%)

Magenta (62%)

Yellow (31%)

Black (32%)



Cyan (32%)

Magenta (74%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5720, 14.1367, 19.3083 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 22.5720, 14.1367, 19.3083 by changing the saturation by 10% instead.

■ 22.5720, 14.1367,
19.3083

■ 22.5720, 14.1367,
19.3083

258.0956,
218.0796, 260.6247

■ 14.3967, 8.2158,
11.7142

■ 47.1614, 33.3314,
43.0980

■ 8.4807, 4.2333,
6.4292

■ 64.3063, 47.3740,
60.1307

■ 4.4584, 1.8049,
3.0348

■ 85.1718, 64.8926,
81.1467

■ 1.9646, 0.4902,
1.1124

■ 110.1233, 86.2716,
106.5645

■ 0.6140, 0.0000,
0.0000

■ 139.5260,
111.8954, 136.8027

■ 0.0000, 0.0000,
0.0000

173.7454,

142.1484, 172.2797

213.1468,
177.4150, 213.4142

■ 22.5720, 14.1367,
19.3083

■ 22.5720, 14.1367,
19.3083

■ 21.2128, 12.2136,
16.4030

■ 24.2843, 16.6912,
22.5612

■ 20.1756, 10.8621,
13.8287

■ 26.3745, 19.9254,
26.1754

■ 19.4256, 10.0146,
11.5676

■ 28.8667, 23.8852,
30.1645

■ 18.9665, 9.5774,
9.9312

■ 31.7824, 28.6121,
34.5413

■ 35.1414, 34.1442,
39.3175

■ 38.9626, 40.5172,
44.5043

■ 43.2634, 47.7646,
50.1126

■ 48.0604, 55.9181,
56.1526

■ 53.3695, 65.0077,
62.6343

Harmonies

Analogous

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



20.3169, 14.1367, 34.1238



22.5720, 14.1367, 19.3083



22.0299, 14.1367, 8.8654

Triad

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



22.5720, 14.1367, 19.3083



10.9059, 14.1367, 2.5901



9.1078, 14.1367, 39.5309

Complementary

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



22.5720, 14.1367, 19.3083



20.5209, 32.3778, 22.6224

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.



7.4310, 14.1367, 24.5257



22.5720, 14.1367, 19.3083



8.3166, 14.1367, 5.1915

Square

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



22.5720, 14.1367, 19.3083



14.7420, 14.1367, 2.2670



7.1735, 14.1367, 12.0454



12.2104, 14.1367, 49.0846

Rectangle

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



22.5720, 14.1367, 19.3083



20.1900, 14.1367, 5.0335



7.1735, 14.1367, 12.0454



8.3870, 14.1367, 34.6871

Sweetspot

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



22.5724, 14.1374, 19.3086



58.3572, 53.5958, 63.9445



16.9246, 10.7462, 40.7176



12.3390, 11.0854, 13.3985



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.



22.5724, 14.1374, 19.3086



37.2884, 20.9295, 27.7225



20.2192, 13.1961, 6.9165



8.1675, 8.0803, 9.1929



13.9625, 7.0476, 7.4482



0.4160, 0.2071, 0.3526

Inverse Universe

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



22.5724, 14.1374, 19.3086



37.2884, 20.9295, 27.7225



24.5622, 33.9943, 43.9037



8.1675, 8.0803, 9.1929



13.9625, 7.0476, 7.4482



0.4160, 0.2071, 0.3526

Previews

White Background



This preview shows how the XYZ color 22.5720, 14.1367, 19.3083 looks on a white background.

Color Contrast Check

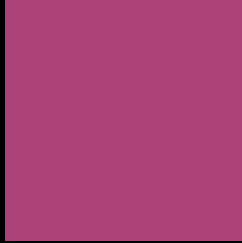
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5720, 14.1367, 19.3083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

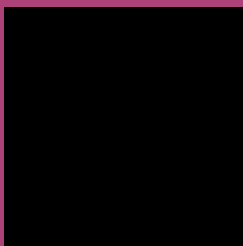
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.5720, 14.1367, 19.3083

Background



This preview shows how black text looks on a background with the XYZ color 22.5720, 14.1367, 19.3083.



This preview shows how white text looks on a background with the XYZ color 22.5720, 14.1367,

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

22.5720, 14.1367, 19.3083

Protanopia

14.6528, 14.3031, 29.1826

Deuteranopia

14.5696, 14.3601, 17.9235



Tritanopia

20.5416, 14.1574, 9.2394

Trichromacy



Original Color

22.5720, 14.1367, 19.3083

Protanomaly

16.1976, 13.2560, 25.3719

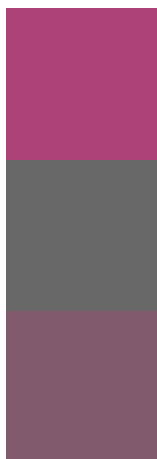
Deuteranomaly

16.6401, 13.6416, 18.2791

Tritanomaly

21.1775, 14.1189, 12.4355

Monochromacy



Original Color

22.5720, 14.1367, 19.3083

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

15.5239, 13.1052, 16.4632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5720, 14.1367, 19.3083 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, 66, 120)` looks like.

```
.text, #text, p{  
    color:rgb(173, 66, 120)  
}
```

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, 66, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 66, 120) }
```

Border

The CSS property to change the border of an element to XYZ 22.5720, 14.1367, 19.3083 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, 66, 120) }
```


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

```
.border{ border-color:rgb(173, 66, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 66, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 66, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 66, 120);  
box-shadow:4px 4px 4px 4px rgb(173, 66,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5720, 14.1367, 19.3083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 66, 120) }
```

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

```
.background{ background-color: rgb(173, 66,  
120) }
```

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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