

Converting Colors

XYZ(22.4333, 14.1868, 13.9197)

Have a look what the booklet for
XYZ(22.4333, 14.1868, 13.9197)
contains.

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Color

**XYZ(22.4286, 14.1831,
13.8674)**

Conversions

Conversions Part 1

Format	Color
Hex	B14265
RGB	177, 66, 101
RGB Percent	69%, 26%, 40%
CMY	0.3059, 0.7412, 0.6039
CMYK	0.00, 0.63, 0.43, 0.31
HSL	341°, 46%, 48%
HSV	341°, 63%, 69%
XYZ	22.4286, 14.1831, 13.8674
YIQ	103.1790, 54.9210, 34.4170

Conversions

Conversions Part 2

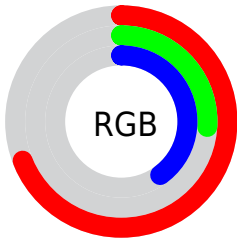
Format	Color
R_{YB}	177, 66, 101
Decimal	11616869
CIE _{Lab}	44.49, 48.22, 3.68
CIE _{LCh}	44, 48.364, 4.358
Yxy	14.1831, 0.4443, 0.2810
Android (android.graphics.Color)	4289806949 (0xFFB14265)
YUV	103.1790, -1.0742, 64.7410
Hunter-Lab	37.6605, 40.3995, 4.5305

Details

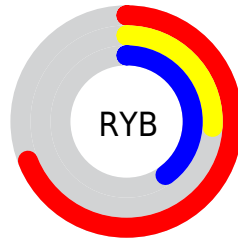
The XYZ color **22.4286, 14.1831, 13.8674** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **22.8522, 34.5558, 31.0590**, and the grayscale version is **12.9326, 13.6062, 14.8171**.

A 20% lighter version of the original color is **46.8564, 33.2935, 33.6625**, and **8.4353, 4.2689, 3.9938** is the 20% darker color. If you saturate the color by 10%, you get **20.9991, 12.2054, 10.6741**, and if you desaturate by 10%, it is **24.2664, 16.8372, 17.6291**.

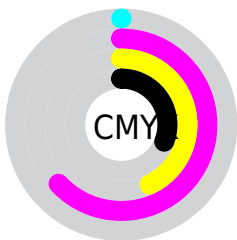
Distribution



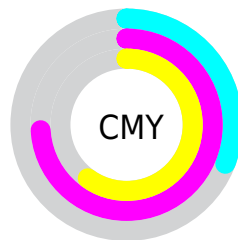
- Red (69%)
- Green (26%)
- Blue (40%)



- Red (69%)
- Yellow (26%)
- Blue (40%)



- Cyan (0%)
- Magenta (63%)
- Yellow (43%)
- Black (31%)



- Cyan (31%)
- Magenta (74%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4286, 14.1831, 13.8674 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 22.4286, 14.1831, 13.8674 by changing the saturation by 10% instead.

■ 22.4286, 14.1831,
13.8674

■ 22.4286, 14.1831,
13.8674

257.3669,
218.3669, 227.8040

■ 14.2905, 8.2481,
7.8908

■ 46.9270, 33.4136,
33.5673

■ 8.4061, 4.2541,
3.9384

■ 64.0180, 47.4778,
48.1277

■ 4.4098, 1.8167,
1.5916

■ 84.8240, 65.0207,
66.3864

■ 1.9365, 0.4976,
0.2848

■ 109.7104, 86.4264,
88.7620

■ 0.5979, 0.0000,
0.0000

■ 139.0425,
112.0796, 115.6730

■ 0.0000, 0.0000,
0.0000

173.1858,

142.3644, 147.5380

212.5054,
177.6654, 184.7755

■ 22.4286, 14.1831,
13.8674

■ 22.4286, 14.1831,
13.8674

■ 20.9991, 12.2054,
10.6741

■ 24.2664, 16.8372,
17.6291

■ 19.9423, 10.8391,
8.0182

■ 26.5416, 20.2204,
21.9864

■ 19.2179, 10.0101,
5.8660

■ 29.2821, 24.3825,
26.9651

■ 18.8404, 9.6307,
4.5823

■ 32.5127, 29.3686,
32.5896

■ 36.2567, 35.2201,
38.8826

■ 40.5357, 41.9757,
45.8659

■ 45.3702, 49.6717,
53.5600

■ 50.7794, 58.3423,
61.9847

■ 56.7818, 68.0202,
71.1590

Harmonies

Analogous

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



21.4368, 14.1831, 26.7298



22.4286, 14.1831, 13.8674



20.6696, 14.1831, 6.2150

Triad

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



22.4286, 14.1831, 13.8674



9.6749, 14.1831, 3.6309



10.4881, 14.1831, 44.0341

Complementary

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



22.4286, 14.1831, 13.8674



22.8522, 34.5558, 31.0590

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.



8.1880, 14.1831, 31.0165



22.4286, 14.1831, 13.8674



7.7860, 14.1831, 7.8871

Square

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



22.4286, 14.1831, 13.8674



12.9186, 14.1831, 2.4000



7.2992, 14.1831, 17.1336



14.0587, 14.1831, 48.2939

Rectangle

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



22.4286, 14.1831, 13.8674



18.3411, 14.1831, 3.7371



7.2992, 14.1831, 17.1336



9.5650, 14.1831, 40.3067

Sweetspot

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



22.4290, 14.1839, 13.8676



60.3933, 55.9674, 62.0447



21.0143, 12.8092, 42.9597



12.6992, 11.5233, 12.7857



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



22.4290, 14.1839, 13.8676



36.8594, 20.8658, 17.3099



22.4712, 16.4530, 7.1466



8.6031, 8.5479, 9.4082



13.6753, 6.9877, 3.4501



0.4574, 0.2307, 0.2513

Inverse Universe

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



22.4290, 14.1839, 13.8676



36.8594, 20.8658, 17.3099



22.1810, 28.3288, 45.8938



8.6031, 8.5479, 9.4082



13.6753, 6.9877, 3.4501



0.4574, 0.2307, 0.2513

Previews

White Background



This preview shows how the XYZ color 22.4286, 14.1831, 13.8674 looks on a white background.

Color Contrast Check

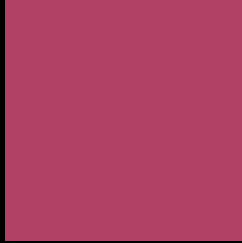
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4286, 14.1831, 13.8674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

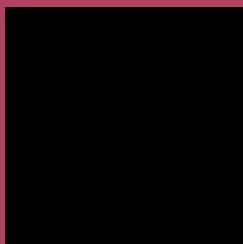
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.4286, 14.1831, 13.8674

Background



This preview shows how black text looks on a background with the XYZ color 22.4286, 14.1831, 13.8674.

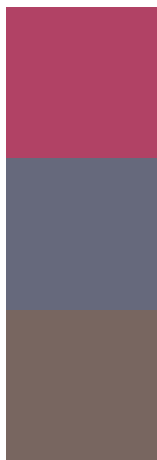


This preview shows how white text looks on a background with the XYZ color 22.4286, 14.1831,

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

22.4286, 14.1831, 13.8674

Protanopia

14.1692, 14.3832, 21.0982

Deuteranopia

14.6084, 14.3403, 13.0643



Tritanopia

21.2369, 14.1422, 8.4479

Trichromacy



Original Color

22.4286, 14.1831, 13.8674

Protanomaly

15.9467, 13.4103, 18.2709

Deuteranomaly

16.7615, 13.6893, 13.3141

Tritanomaly

21.6723, 14.1422, 10.1818

Monochromacy



Original Color

22.4286, 14.1831, 13.8674

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

15.2604, 13.0175, 14.2787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4286, 14.1831, 13.8674 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(177, 66, 101)` looks like.

```
.text, #text, p{  
    color:rgb(177, 66, 101)  
}
```

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(177, 66, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 66, 101) }
```

Border

The CSS property to change the border of an element to XYZ 22.4286, 14.1831, 13.8674 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(177, 66, 101) }
```


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

```
.border{ border-color:rgb(177, 66, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 66, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 66, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 66, 101);  
box-shadow:4px 4px 4px 4px rgb(177, 66,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4286, 14.1831, 13.8674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 66, 101) }
```

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

```
.background{ background-color: rgb(177, 66,  
101) }
```

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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