

Converting Colors

XYZ(23.0577, 17.2062, 14.7698)

Have a look what the booklet for
XYZ(23.0577, 17.2062, 14.7698)
contains.

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Color

**XYZ(22.9339, 17.0994,
14.6621)**

Conversions

Conversions Part 1

Format	Color
Hex	AB5B66
RGB	171, 91, 102
RGB Percent	67%, 36%, 40%
CMY	0.3294, 0.6431, 0.6000
CMYK	0.00, 0.47, 0.40, 0.33
HSL	352°, 32%, 51%
HSV	352°, 47%, 67%
XYZ	22.9339, 17.0994, 14.6621
YIQ	116.1740, 44.1490, 20.3810

Conversions

Conversions Part 2

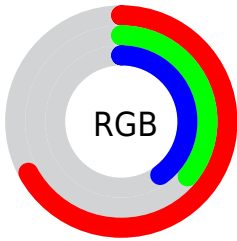
Format	Color
R_{YB}	171, 91, 102
Decimal	11230054
CIE Lab	48.39, 33.76, 8.50
CIE LCh	48, 34.810, 14.128
Yxy	17.0994, 0.4193, 0.3126
Android (android.graphics.Color)	4289420134 (0xFFAB5B66)
YUV	116.1740, -6.9878, 48.0824
Hunter-Lab	41.3514, 26.6328, 7.9234

Details

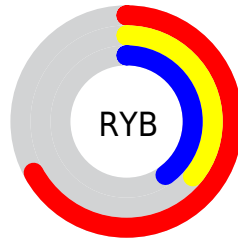
The XYZ color **22.9339, 17.0994, 14.6621** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.2233, 33.8883, 38.4714**, and the grayscale version is **16.6656, 17.5335, 19.0940**.

A 20% lighter version of the original color is **47.8853, 38.6028, 35.0643**, and **8.7200, 5.6448, 4.2444** is the 20% darker color. If you saturate the color by 10%, you get **20.9676, 14.2350, 10.7132**, and if you desaturate by 10%, it is **25.3644, 20.6837, 19.4082**.

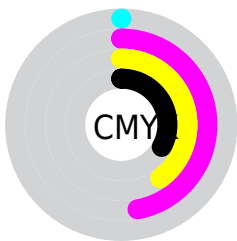
Distribution



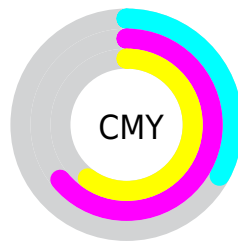
- Red (67%)
- Green (36%)
- Blue (40%)



- Red (67%)
- Yellow (36%)
- Blue (40%)



- Cyan (0%)
- Magenta (47%)
- Yellow (40%)
- Black (33%)





- Cyan (33%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.9339, 17.0994, 14.6621 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 22.9339, 17.0994, 14.6621 by changing the saturation by 10% instead.


 22.9339, 17.0994,
14.6621


 22.9339, 17.0994,
14.6621


259.9270,
235.7445, 232.8817


 14.6651, 10.3054,
8.4386


 47.7522, 38.4966,
34.9932


 8.6695, 5.6019,
4.2851


 65.0325, 53.8686,
49.9378

 4.5816, 2.6046,
1.7830

 86.0473, 72.8687,
68.6267

 2.0361, 0.9290,
0.4167

 111.1620, 95.8812,
91.4781

 0.6541, 0.0000,
0.0000

140.7420,
123.2907, 118.9108

 0.0000, 0.0000,
0.0000

175.1526,

155.4815, 151.3433

214.7591,
192.8380, 189.1941

■ 22.9339, 17.0994,
14.6621

■ 22.9339, 17.0994,
14.6621

■ 20.9676, 14.2350,
10.7132

■ 25.3644, 20.6837,
19.4082

■ 19.4342, 12.0394,
7.5165

■ 28.2848, 25.0294,
24.9911

■ 18.3008, 10.4587,
5.0241


■ 31.7207, 30.1779,
31.4489


■ 17.5292, 9.4296,
3.1819


■ 35.6953, 36.1669,
38.8172


■ 17.0669, 8.8625,
1.9256


■ 40.2306, 43.0316,
47.1294

 16.9543, 8.7218,
1.6272

 45.3473, 50.8054,
56.4173

 51.0649, 59.5197,
66.7113

 57.4022, 69.2046,
78.0404

 64.3770, 79.8887,
90.4324

Harmonies

Analogous

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



22.8733, 17.0994, 23.8312



22.9339, 17.0994, 14.6621



21.0494, 17.0994, 8.8921

Triad

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



22.9339, 17.0994, 14.6621



12.3554, 17.0994, 8.6637



14.6366, 17.0994, 41.0580

Complementary

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



22.9339, 17.0994, 14.6621



25.2233, 33.8883, 38.4714

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.



12.2460, 17.0994, 33.6697



22.9339, 17.0994, 14.6621



11.0511, 17.0994, 14.2271

Square

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



22.9339, 17.0994, 14.6621



14.8050, 17.0994, 6.2746



11.0139, 17.0994, 23.2290



17.7914, 17.0994, 41.2924

Rectangle

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



22.9339, 17.0994, 14.6621



19.0699, 17.0994, 6.8872



11.0139, 17.0994, 23.2290



13.7272, 17.0994, 39.2425

Sweetspot

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



22.9344, 17.1003, 14.6624



58.5207, 56.6193, 59.5096



25.3904, 17.7943, 40.6244



12.7327, 12.1486, 12.6794



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.



22.9344, 17.1003, 14.6624



37.4866, 25.3999, 19.0533



25.2803, 22.6077, 12.9300



8.0484, 8.0326, 8.5658



12.7931, 6.5798, 1.2897



0.3695, 0.1885, 0.1075

Inverse Universe

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



22.9344, 17.1003, 14.6624



37.4866, 25.3999, 19.0533



21.4883, 24.8101, 42.1842



8.0484, 8.0326, 8.5658



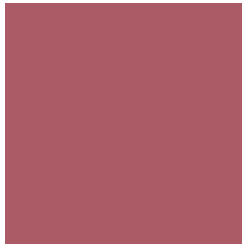
12.7931, 6.5798, 1.2897



0.3695, 0.1885, 0.1075

Previews

White Background



This preview shows how the XYZ color 22.9339, 17.0994, 14.6621 looks on a white background.

Color Contrast Check

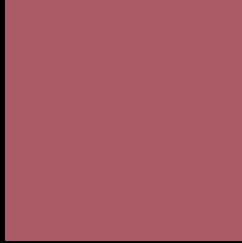
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9339, 17.0994, 14.6621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

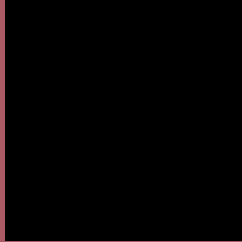
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.9339, 17.0994, 14.6621

Background



This preview shows how black text looks on a background with the XYZ color 22.9339, 17.0994, 14.6621.



This preview shows how white text looks on a background with the XYZ color 22.9339, 17.0994,

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

22.9339, 17.0994, 14.6621

Protanopia

16.6965, 17.3508, 18.6887

Deuteranopia

17.6094, 17.2563, 14.2071



Tritanopia

22.8263, 17.1941, 13.6710

Trichromacy



Original Color

22.9339, 17.0994, 14.6621

Protanomaly

18.2850, 16.7522, 17.0216

Deuteranomaly

19.2832, 17.0238, 14.3262

Tritanomaly

22.8739, 17.2131, 13.9213

Monochromacy



Original Color

22.9339, 17.0994, 14.6621

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.2803, 16.8973, 17.3370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9339, 17.0994, 14.6621 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(171, 91, 102)` looks like.

```
.text, #text, p{  
    color:rgb(171, 91, 102)  
}
```

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(171, 91, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 91, 102) }
```

Border

The CSS property to change the border of an element to XYZ 22.9339, 17.0994, 14.6621 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(171, 91, 102) }
```


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

```
.border{ border-color:rgb(171, 91, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 91, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 91, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 91, 102);  
box-shadow:4px 4px 4px 4px rgb(171, 91,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9339, 17.0994, 14.6621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 91, 102) }
```

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

```
.background{ background-color: rgb(171, 91,  
102) }
```

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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