

Converting Colors

XYZ(23.9944, 17.1371, 14.5994)

Have a look what the booklet for
XYZ(23.9944, 17.1371, 14.5994)
contains.

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Color

**XYZ(23.9379, 17.1228,
14.6137)**

Conversions

Conversions Part 1

Format	Color
Hex	B15766
RGB	177, 87, 102
RGB Percent	69%, 34%, 40%
CMY	0.3059, 0.6588, 0.6000
CMYK	0.00, 0.51, 0.42, 0.31
HSL	350°, 37%, 52%
HSV	350°, 51%, 69%
XYZ	23.9379, 17.1228, 14.6137
YIQ	115.6200, 48.8250, 23.7450

Conversions

Conversions Part 2

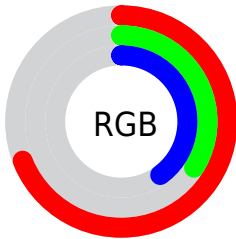
Format	Color
R_{YB}	177, 87, 102
Decimal	11622246
CIE _{Lab}	48.41, 38.11, 8.66
CIE _{LCh}	48, 39.080, 12.803
Yxy	17.1228, 0.4300, 0.3076
Android (android.graphics.Color)	4289812326 (0xFFB15766)
YUV	115.6200, -6.7147, 53.8303
Hunter-Lab	41.3797, 30.8466, 8.0269

Details

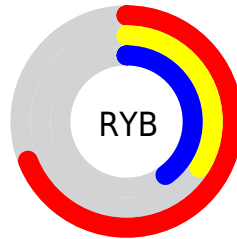
The XYZ color **23.9379, 17.1228, 14.6137** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.1751, 36.0795, 39.7691**, and the grayscale version is **16.4942, 17.3532, 18.8976**.

A 20% lighter version of the original color is **49.2433, 38.4273, 34.9588**, and **9.2056, 5.6025, 4.2106** is the 20% darker color. If you saturate the color by 10%, you get **22.0089, 14.3332, 10.6770**, and if you desaturate by 10%, it is **26.3493, 20.6688, 19.3538**.

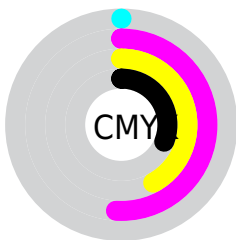
Distribution



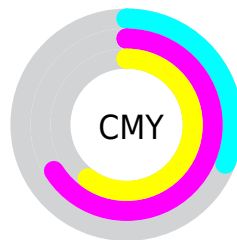
- Red (69%)
- Green (34%)
- Blue (40%)



- Red (69%)
- Yellow (34%)
- Blue (40%)



- Cyan (0%)
- Magenta (51%)
- Yellow (42%)
- Black (31%)



- Cyan (31%)
- Magenta (66%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9379, 17.1228, 14.6137 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 23.9379, 17.1228, 14.6137 by changing the saturation by 10% instead.

■ 23.9379, 17.1228,
14.6137

■ 23.9379, 17.1228,
14.6137

264.9527,
235.8790, 232.5757

■ 15.4120, 10.3221,
8.4051

■ 49.3843, 38.5368,
34.9067

■ 9.1973, 5.6130,
4.2638

■ 67.0355, 53.9189,
49.8282

■ 4.9282, 2.6112,
1.7711

■ 88.4592, 72.9302,
68.4912

■ 2.2395, 0.9323,
0.4088

■ 114.0208, 95.9551,
91.3140

■ 0.7634, 0.0000,
0.0000

■ 144.0855,
123.3781, 118.7154

■ 0.0000, 0.0000,
0.0000

179.0189,

155.5834, 151.1137

219.1861,
192.9556, 188.9276

■ 23.9379, 17.1228,
14.6137

■ 23.9379, 17.1228,
14.6137

■ 22.0089, 14.3332,
10.6770

■ 26.3493, 20.6688,
19.3538

■ 20.5279, 12.2424,
7.4977

■ 29.2717, 25.0183,
24.9378

■ 19.4581, 10.7887,
5.0263

■ 32.7329, 30.2173,
31.4047

■ 18.7558, 9.8982,
3.2073

■ 36.7584, 36.3078,
38.7906

■ 18.3593, 9.4382,
2.0487

■ 41.3721, 43.3290,
47.1298

■ 46.5964, 51.3177,
56.4546

■ 52.4525, 60.3087,
66.7959

■ 58.9608, 70.3352,
78.1833

■ 66.1405, 81.4286,
90.6450

Harmonies

Analogous

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



23.7620, 17.1228, 25.0892



23.9379, 17.1228, 14.6137



21.8554, 17.1228, 8.2134

Triad

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



23.9379, 17.1228, 14.6137



12.0376, 17.1228, 7.6109



14.3263, 17.1228, 44.4737

Complementary

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



23.9379, 17.1228, 14.6137



26.1751, 36.0795, 39.7691

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.



11.7354, 17.1228, 35.4692



23.9379, 17.1228, 14.6137



10.5529, 17.1228, 13.4092

Square

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



23.9379, 17.1228, 14.6137



14.7989, 17.1228, 5.2840



10.4511, 17.1228, 23.3541



17.8456, 17.1228, 45.1746

Rectangle

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



23.9379, 17.1228, 14.6137



19.6221, 17.1228, 6.0456



10.4511, 17.1228, 23.3541



13.3315, 17.1228, 42.1997

Sweetspot

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



23.9383, 17.1237, 14.6140



62.5252, 60.0124, 63.4299



26.2449, 17.6731, 43.6228



13.2313, 12.5233, 13.1608



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.



23.9383, 17.1237, 14.6140



39.0586, 25.1579, 18.3704



26.2136, 22.7587, 12.0293



8.5522, 8.5276, 9.1404



13.3177, 6.8446, 1.5671



0.4366, 0.2224, 0.1419

Inverse Universe

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



23.9383, 17.1237, 14.6140



39.0586, 25.1579, 18.3704



22.3008, 26.0688, 45.4513



8.5522, 8.5276, 9.1404



13.3177, 6.8446, 1.5671



0.4366, 0.2224, 0.1419

Previews

White Background



This preview shows how the XYZ color 23.9379, 17.1228, 14.6137 looks on a white background.

Color Contrast Check

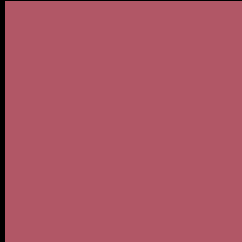
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9379, 17.1228, 14.6137 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 23.9379, 17.1228, 14.6137

Background



This preview shows how black text looks on a background with the XYZ color 23.9379, 17.1228, 14.6137.



This preview shows how white text looks on a background with the XYZ color 23.9379, 17.1228,

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

23.9379, 17.1228, 14.6137

Protanopia

16.6777, 17.3277, 19.2952

Deuteranopia

17.5619, 17.2373, 13.9568



Tritanopia

23.4598, 17.0358, 12.8782

Trichromacy



Original Color

23.9379, 17.1228, 14.6137

Protanomaly

18.6237, 16.7620, 17.5830

Deuteranomaly

19.3979, 16.7932, 14.0234

Tritanomaly

23.5988, 17.0914, 13.6104

Monochromacy



Original Color

23.9379, 17.1228, 14.6137

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.4021, 16.6541, 17.2836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9379, 17.1228, 14.6137 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, 87, 102)` looks like.

```
.text, #text, p{  
    color:rgb(177, 87, 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(177, 87, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 87, 102) }
```

Border

The CSS property to change the border of an element to XYZ 23.9379, 17.1228, 14.6137 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, 87, 102) }
```


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

```
.border{ border-color:rgb(177, 87, 102) }
```

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

Here you see how a box with a 4 pixel rgb(177, 87, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 87, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 87, 102);  
box-shadow:4px 4px 4px 4px rgb(177, 87,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9379, 17.1228, 14.6137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 87, 102) }
```

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

```
.background{ background-color: rgb(177, 87,  
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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