

Converting Colors

XYZ(22.9192, 16.3474, 13.9001)

Have a look what the booklet for
XYZ(22.9192, 16.3474, 13.9001)
contains.

XYZ(23.0043, 16.4158, 14.0127)	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(23.0043, 16.4158,
14.0127)**

Conversions

Conversions Part 1

Format	Color
Hex	AE5564
RGB	174, 85, 100
RGB Percent	68%, 33%, 39%
CMY	0.3176, 0.6666, 0.6078
CMYK	0.00, 0.51, 0.43, 0.32
HSL	350°, 35%, 51%
HSV	350°, 51%, 68%
XYZ	23.0043, 16.4158, 14.0127
YIQ	113.3210, 48.2290, 23.5330

Conversions

Conversions Part 2

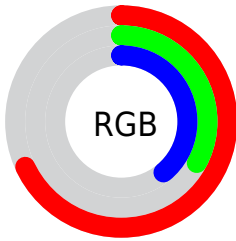
Format	Color
R_{YB}	174, 85, 100
Decimal	11425124
CIE Lab	47.52, 37.82, 8.53
CIE LCh	48, 38.775, 12.714
Yxy	16.4158, 0.4305, 0.3072
Android (android.graphics.Color)	4289615204 (0xFFAE5564)
YUV	113.3210, -6.5673, 53.2155
Hunter-Lab	40.5164, 30.4445, 7.8559

Details

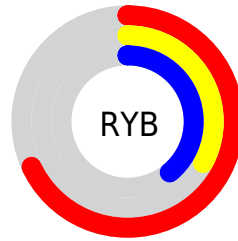
The XYZ color **23.0043, 16.4158, 14.0127** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **25.1413, 34.7069, 38.1771**, and the grayscale version is **15.8008, 16.6237, 18.1032**.

A 20% lighter version of the original color is **47.8103, 37.2815, 33.9543**, and **8.7091, 5.2619, 4.0467** is the 20% darker color. If you saturate the color by 10%, you get **21.1598, 13.7497, 10.2444**, and if you desaturate by 10%, it is **25.3109, 19.8069, 18.5490**.

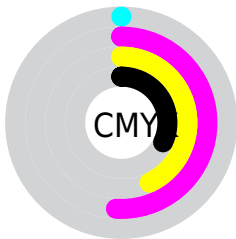
Distribution



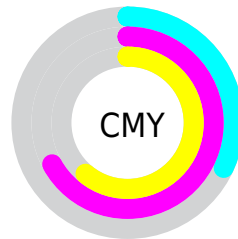
- Red (68%)
- Green (33%)
- Blue (39%)



- Red (68%)
- Yellow (33%)
- Blue (39%)



- Cyan (0%)
- Magenta (51%)
- Yellow (43%)
- Black (32%)





- Cyan (32%)
- Magenta (67%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.0043, 16.4158, 14.0127 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 23.0043, 16.4158, 14.0127 by changing the saturation by 10% instead.


 23.0043, 16.4158,
14.0127


 23.0043, 16.4158,
14.0127

260.2820,
231.7829, 228.7410

 14.7174, 9.8189,
7.9906


 47.8670, 37.3186,
33.8290


 8.7063, 5.2790,
4.0013


 65.1735, 52.3932,
48.4604


 4.6057, 2.4119,
1.6260

 86.2172, 71.0625,
66.7985

 2.0502, 0.8320,
0.3093

 111.3636, 93.7108,
89.2621

 0.6619, 0.0000,
0.0000

 140.9779,
120.7227, 116.2696

 0.0000, 0.0000,
0.0000

175.4255,

152.4824, 148.2395

215.0717,
189.3743, 185.5905

■ 23.0043, 16.4158,
14.0127

■ 23.0043, 16.4158,
14.0127

■ 21.1598, 13.7497,
10.2444

■ 25.3109, 19.8069,
18.5490

■ 19.7443, 11.7532,
7.2000

■ 28.1069, 23.9682,
23.8919

■ 18.7225, 10.3670,
4.8325

■ 31.4191, 28.9439,
30.0786

■ 18.0523, 9.5200,
3.0886

■ 35.2720, 34.7745,
37.1438

■ 17.6812, 9.0889,
2.0056

■ 39.6883, 41.4975,
45.1200

■ 44.6897, 49.1483,
54.0381

■ 50.2966, 57.7602,
63.9278

■ 56.5283, 67.3652,
74.8172

■ 63.4034, 77.9935,
86.7333

Harmonies

Analogous

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



22.8274, 16.4158, 24.1302



23.0043, 16.4158, 14.0127



20.9983, 16.4158, 7.8406

Triad

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



23.0043, 16.4158, 14.0127



11.5239, 16.4158, 7.2383



13.7145, 16.4158, 42.8226

Complementary

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



23.0043, 16.4158, 14.0127



25.1413, 34.7069, 38.1771

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.



11.2210, 16.4158, 34.0941



23.0043, 16.4158, 14.0127



10.0901, 16.4158, 12.8050

Square

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



23.0043, 16.4158, 14.0127



14.1887, 16.4158, 5.0137



9.9881, 16.4158, 22.3865



17.1077, 16.4158, 43.5285

Rectangle

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



23.0043, 16.4158, 14.0127



18.8436, 16.4158, 5.7532



9.9881, 16.4158, 22.3865



12.7566, 16.4158, 40.6144

Sweetspot

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



23.0047, 16.4166, 14.0130



60.9797, 58.5288, 61.8992



24.9274, 16.7910, 41.9714



13.2332, 12.5241, 13.1703



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.



23.0047, 16.4166, 14.0130



38.1101, 24.5525, 18.0121



25.0214, 21.5067, 11.4279



8.0583, 8.0366, 8.6176



12.8399, 6.5985, 1.5365



0.3734, 0.1900, 0.1280

Inverse Universe

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



23.0047, 16.4166, 14.0130



38.1101, 24.5525, 18.0121



21.6377, 25.4893, 43.8238



8.0583, 8.0366, 8.6176



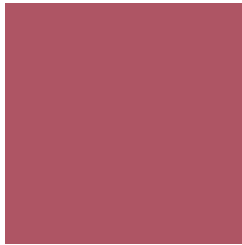
12.8399, 6.5985, 1.5365



0.3734, 0.1900, 0.1280

Previews

White Background



This preview shows how the XYZ color 23.0043, 16.4158, 14.0127 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 23.0043, 16.4158, 14.0127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

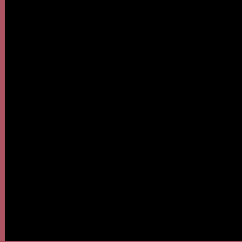
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.0043, 16.4158, 14.0127

Background



This preview shows how black text looks on a background with the XYZ color 23.0043, 16.4158, 14.0127.



This preview shows how white text looks on a background with the XYZ color 23.0043, 16.4158,

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

23.0043, 16.4158, 14.0127

Protanopia

16.0699, 16.6929, 18.5947

Deuteranopia

16.7859, 16.5276, 13.3718



Tritanopia

22.4931, 16.3125, 12.0883

Trichromacy



Original Color

23.0043, 16.4158, 14.0127

Protanomaly

17.8181, 16.0605, 16.9127

Deuteranomaly

18.5689, 16.0884, 13.4359

Tritanomaly

22.6269, 16.3660, 12.7929

Monochromacy



Original Color

23.0043, 16.4158, 14.0127

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

17.5487, 15.9341, 16.3380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0043, 16.4158, 14.0127 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(174, 85, 100)` looks like.

```
.text, #text, p{  
    color:rgb(174, 85, 100)  
}
```

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(174, 85, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 85, 100) }
```

Border

The CSS property to change the border of an element to XYZ 23.0043, 16.4158, 14.0127 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(174, 85, 100) }
```


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

```
.border{ border-color:rgb(174, 85, 100) }
```

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

Here you see how a box with a 4 pixel rgb(174, 85, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 85, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 85, 100);  
box-shadow:4px 4px 4px 4px rgb(174, 85,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0043, 16.4158, 14.0127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 85, 100) }
```

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

```
.background{ background-color: rgb(174, 85,  
100) }
```

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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