

Converting Colors

XYZ(24.0976, 14.9382, 12.7810)

Have a look what the booklet for
XYZ(24.0976, 14.9382, 12.7810)
contains.

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Color

**XYZ(23.9523, 14.8256,
12.6655)**

Conversions

Conversions Part 1

Format	Color
Hex	B94060
RGB	185, 64, 96
RGB Percent	73%, 25%, 38%
CMY	0.2745, 0.7490, 0.6235
CMYK	0.00, 0.65, 0.48, 0.27
HSL	344°, 49%, 49%
HSV	344°, 65%, 73%
XYZ	23.9523, 14.8256, 12.6655
YIQ	103.8270, 61.8440, 35.6040

Conversions

Conversions Part 2

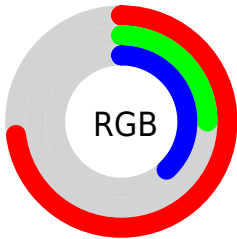
Format	Color
R_{YB}	185, 64, 96
Decimal	12140640
CIE Lab	45.39, 51.19, 8.22
CIE LCh	45, 51.845, 9.125
Yxy	14.8256, 0.4656, 0.2882
Android (android.graphics.Color)	4290330720 (0xFFB94060)
YUV	103.8270, -3.8587, 71.1887
Hunter-Lab	38.5040, 43.6579, 7.4500

Details

The XYZ color **23.9523, 14.8256, 12.6655** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **25.2141, 38.0882, 36.1628**, and the grayscale version is **13.1110, 13.7938, 15.0214**.

A 20% lighter version of the original color is **49.3229, 34.4447, 31.2430**, and **9.3281, 4.7423, 3.4413** is the 20% darker color. If you saturate the color by 10%, you get **22.5034, 12.8452, 9.3544**, and if you desaturate by 10%, it is **25.8564, 17.5429, 16.6637**.

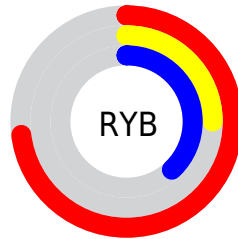
Distribution



Red (73%)

Green (25%)

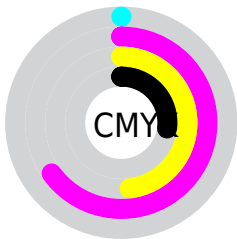
Blue (38%)



Red (73%)

Yellow (25%)

Blue (38%)

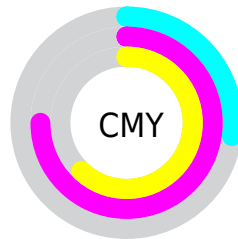


Cyan (0%)

Magenta (65%)

Yellow (48%)

Black (27%)



Cyan (27%)


Magenta (75%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.9523, 14.8256, 12.6655 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 23.9523, 14.8256, 12.6655 by changing the saturation by 10% instead.


 23.9523, 14.8256,
12.6655


 23.9523, 14.8256,
12.6655


265.0242,
222.3082, 219.8946


 15.4228, 8.6971,
7.0706


 49.4076, 34.5469,
31.3838


 9.2049, 4.5441,
3.4272


 67.0641, 48.9085,
45.3444


 4.9332, 1.9824,
1.3167

 88.4936, 66.7833,
62.9305

 2.2425, 0.5972,
0.0754

 114.0615, 88.5556,
84.5609

 0.7650, 0.0000,
0.0000

 144.1332,
114.6099, 110.6539

 0.0000, 0.0000,
0.0000

179.0739,

145.3304, 141.6282

219.2492,
181.1017, 177.9022

■ 23.9523, 14.8256,
12.6655

■ 23.9523, 14.8256,
12.6655

■ 22.5034, 12.8452,
9.3544

■ 25.8564, 17.5429,
16.6637

■ 21.4671, 11.5255,
6.6883

■ 28.2507, 21.0585,
21.3858

■ 20.7937, 10.7765,
4.6207

■ 31.1677, 25.4301,
26.8669

■ 20.5602, 10.5353,
3.8465

■ 34.6370, 30.7093,
33.1393

■ 38.6859, 36.9436,
40.2334

■ 43.3396, 44.1773,
48.1780

■ 48.6222, 52.4518,
57.0005

■ 54.5561, 61.8061,
66.7271

■ 61.1627, 72.2774,
77.3827

Harmonies

Analogous

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



23.3327, 14.8256, 26.1552



23.9523, 14.8256, 12.6655



21.5422, 14.8256, 5.3246

Triad

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



23.9523, 14.8256, 12.6655



9.4846, 14.8256, 3.8479



11.3414, 14.8256, 49.9944

Complementary

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



23.9523, 14.8256, 12.6655



25.2141, 38.0882, 36.1628

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.



8.5933, 14.8256, 36.2122



23.9523, 14.8256, 12.6655



7.6830, 14.8256, 9.0800

Square

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



23.9523, 14.8256, 12.6655



12.8182, 14.8256, 2.2231



7.3938, 14.8256, 20.2040



15.4460, 14.8256, 52.7123

Rectangle

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



23.9523, 14.8256, 12.6655



18.7830, 14.8256, 3.1434



7.3938, 14.8256, 20.2040



10.2542, 14.8256, 46.2578

Sweetspot

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



23.9527, 14.8264, 12.6658



65.5819, 60.4474, 65.6125



23.6777, 13.9169, 47.3371



13.7108, 12.3742, 13.3931



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



23.9527, 14.8264, 12.6658



39.5012, 21.9575, 14.7714



24.7810, 18.3803, 7.0932



9.0995, 9.0502, 9.8715



14.0259, 7.1841, 2.7572



0.5209, 0.2638, 0.2365

Inverse Universe

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



23.9527, 14.8264, 12.6658



39.5012, 21.9575, 14.7714



22.8896, 28.6286, 50.2183



9.0995, 9.0502, 9.8715



14.0259, 7.1841, 2.7572



0.5209, 0.2638, 0.2365

Previews

White Background



This preview shows how the XYZ color 23.9523, 14.8256, 12.6655 looks on a white background.

Color Contrast Check

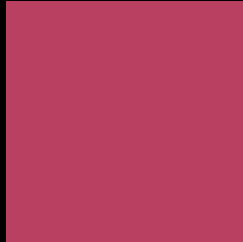
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9523, 14.8256, 12.6655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

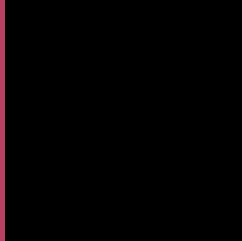
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.9523, 14.8256, 12.6655

Background



This preview shows how black text looks on a background with the XYZ color 23.9523, 14.8256, 12.6655.



This preview shows how white text looks on a background with the XYZ color 23.9523, 14.8256,

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

23.9523, 14.8256, 12.6655

Protanopia

14.7113, 14.9973, 19.8887

Deuteranopia

15.2532, 14.9988, 11.7640



Tritanopia

23.0979, 14.9276, 7.9673

Trichromacy



Original Color

23.9523, 14.8256, 12.6655

Protanomaly

16.6020, 13.7808, 16.8239

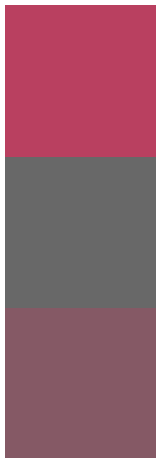
Deuteranomaly

17.5368, 14.1205, 11.9265

Tritanomaly

23.2595, 14.7987, 9.4151

Monochromacy



Original Color

23.9523, 14.8256, 12.6655

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

15.5942, 13.0709, 14.0129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9523, 14.8256, 12.6655 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(185, 64, 96)` looks like.

```
.text, #text, p{  
    color:rgb(185, 64, 96)  
}
```

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(185, 64, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 64, 96) }
```

Border

The CSS property to change the border of an element to XYZ 23.9523, 14.8256, 12.6655 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(185, 64, 96) }
```


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

```
.border{ border-color:rgb(185, 64, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 64, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 64, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 64, 96);  
box-shadow:4px 4px 4px 4px rgb(185, 64,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9523, 14.8256, 12.6655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 64, 96) }
```

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

```
.background{ background-color: rgb(185, 64,  
96) }
```

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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