

Converting Colors

XYZ(23.2935, 18.7035, 15.1396)

Have a look what the booklet for
XYZ(23.2935, 18.7035, 15.1396)
contains.

XYZ(23.2503, 18.6115, 15.1989)	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(23.2503, 18.6115,
15.1989)**

Conversions

Conversions Part 1

Format	Color
Hex	A86567
RGB	168, 101, 103
RGB Percent	66%, 40%, 40%
CMY	0.3412, 0.6039, 0.5961
CMYK	0.00, 0.40, 0.39, 0.34
HSL	358°, 28%, 53%
HSV	358°, 40%, 66%
XYZ	23.2503, 18.6115, 15.1989
YIQ	121.2610, 39.2900, 14.8260

Conversions

Conversions Part 2

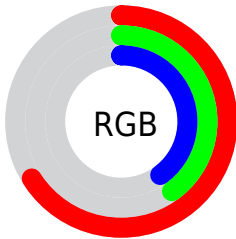
Format	Color
RYB	168, 101, 103
Decimal	11036007
CIELab	50.23, 27.23, 10.44
CIELCh	50, 29.165, 20.977
Yxy	18.6115, 0.4075, 0.3262
Android (android.graphics.Color)	4289226087 (0xFFA86567)
YUV	121.2610, -9.0027, 40.9901
Hunter-Lab	43.1410, 20.7034, 9.3104

Details

The XYZ color **23.2503, 18.6115, 15.1989** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.2533, 33.5255, 41.1657**, and the grayscale version is **18.2782, 19.2301, 20.9416**.

A 20% lighter version of the original color is **48.2753, 41.1231, 35.9650**, and **8.7970, 6.3424, 4.5019** is the 20% darker color. If you saturate the color by 10%, you get **21.0428, 15.3806, 10.8126**, and if you desaturate by 10%, it is **25.9517, 22.5749, 20.5370**.

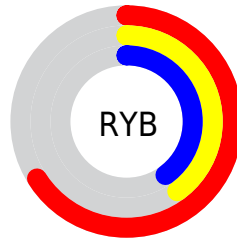
Distribution



Red (66%)

Green (40%)

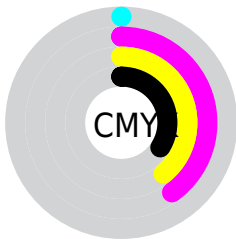
Blue (40%)



Red (66%)

Yellow (40%)

Blue (40%)

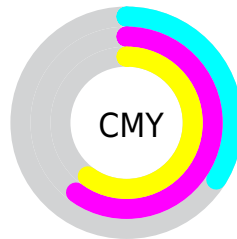


Cyan (0%)

Magenta (40%)

Yellow (39%)

Black (34%)



Cyan (34%)


Magenta (60%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.2503, 18.6115, 15.1989 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 23.2503, 18.6115, 15.1989 by changing the saturation by 10% instead.


 23.2503, 18.6115,
15.1989


 23.2503, 18.6115,
15.1989


261.5194,
244.2955, 236.2491


 14.9001, 11.3899,
8.8109


 48.2676, 41.0766,
35.9490


 8.8352, 6.3297,
4.5229


 65.6655, 57.0889,
51.1481

 4.6901, 3.0466,
1.9164

 86.8100, 76.8001,
70.1214

 2.0995, 1.1561,
0.5031

 112.0665,
100.5948, 93.2874

 0.6889, 0.0254,
0.0000

141.8003,
128.8573, 121.0647

 0.0000, 0.0000,
0.0000

176.3769,

161.9720, 153.8716

216.1614,
200.3233, 192.1269

■ 23.2503, 18.6115,
15.1989

■ 23.2503, 18.6115,
15.1989

■ 21.0428, 15.3806,
10.8126

■ 25.9517, 22.5749,
20.5370

■ 19.2979, 12.8347,
7.3213

■ 29.1729, 27.3089,
26.8773

■ 17.9833, 10.9254,
4.6636


■ 32.9395, 32.8523,
34.2675


■ 17.0616, 9.5964,
2.7701


■ 37.2753, 39.2404,
42.7525


■ 16.4890, 8.7819,
1.5602


■ 42.2025, 46.5064,
52.3741

 16.1791, 8.3407,
0.9066

 47.7420, 54.6819,
63.1721

 16.1758, 8.3358,
0.9001

 53.9140, 63.7967,
75.1844

 60.7375, 73.8794,
88.4473

 68.2309, 84.9574,
102.9953

Harmonies

Analogous

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



23.6027, 18.6115, 22.7988



23.2503, 18.6115, 15.1989



21.3276, 18.6115, 10.4370

Triad

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



23.2503, 18.6115, 15.1989



13.8031, 18.6115, 11.9761



16.8529, 18.6115, 39.7934

Complementary

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



23.2503, 18.6115, 15.1989



26.2533, 33.5255, 41.1657

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.



14.4909, 18.6115, 34.8797



23.2503, 18.6115, 15.1989



12.8572, 18.6115, 17.9258

Square

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



23.2503, 18.6115, 15.1989



15.8189, 18.6115, 8.9492



13.0949, 18.6115, 26.3471



19.7024, 18.6115, 38.4954

Rectangle

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



23.2503, 18.6115, 15.1989



19.5164, 18.6115, 8.8446



13.0949, 18.6115, 26.3471



15.9807, 18.6115, 38.7738

Sweetspot

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



23.2508, 18.6124, 15.1993



58.0817, 57.1241, 58.8672



27.3990, 20.2173, 39.5039



12.4708, 12.1731, 12.4608



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



23.2508, 18.6124, 15.1993



38.5461, 28.4378, 20.3401



26.7854, 25.8401, 15.8891



7.5398, 7.5458, 7.8940



12.2188, 6.2962, 0.6978



0.3000, 0.1543, 0.0314

Inverse Universe

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



23.2508, 18.6124, 15.1993



38.5461, 28.4378, 20.3401



21.3434, 23.4104, 40.4394



7.5398, 7.5458, 7.8940



12.2188, 6.2962, 0.6978



0.3000, 0.1543, 0.0314

Previews

White Background



This preview shows how the XYZ color 23.2503, 18.6115, 15.1989 looks on a white background.

Color Contrast Check

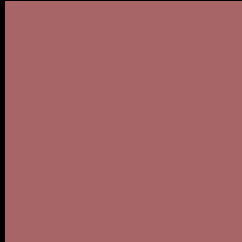
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 23.2503, 18.6115, 15.1989 looks on a black 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

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

XYZ 23.2503, 18.6115, 15.1989

Background



This preview shows how black text looks on a background with the XYZ color 23.2503, 18.6115, 15.1989.



This preview shows how white text looks on a background with the XYZ color 23.2503, 18.6115,

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

23.2503, 18.6115, 15.1989

Protanopia

17.8896, 18.6710, 18.2838

Deuteranopia

18.9122, 18.5848, 14.6470



Tritanopia

23.4124, 18.5219, 16.5285

Trichromacy



Original Color

23.2503, 18.6115, 15.1989

Protanomaly

19.3697, 18.2679, 16.9732

Deuteranomaly

20.3193, 18.4810, 14.8082

Tritanomaly

23.3071, 18.4798, 15.9742

Monochromacy



Original Color

23.2503, 18.6115, 15.1989

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.5358, 18.6528, 18.4903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2503, 18.6115, 15.1989 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(168, 101, 103)` looks like.

```
.text, #text, p{  
    color:rgb(168, 101, 103)  
}
```

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(168, 101, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 101, 103) }
```

Border

The CSS property to change the border of an element to XYZ 23.2503, 18.6115, 15.1989 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(168, 101, 103) }
```


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

```
.border{ border-color:rgb(168, 101, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 101, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 101, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 101, 103);  
box-shadow:4px 4px 4px 4px rgb(168, 101,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2503, 18.6115, 15.1989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 101, 103) }
```

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

```
.background{ background-color: rgb(168,  
101, 103) }
```

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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