

Converting Colors

XYZ(23.6681, 23.5892, 15.3623)

Have a look what the booklet for
XYZ(23.6681, 23.5892, 15.3623)
contains.

XYZ(23.6681, 23.5892, 15.3623)	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(23.6681, 23.5892,
15.3623)**

Conversions

Conversions Part 1

Format	Color
Hex	9B8164
RGB	155, 129, 100
RGB Percent	61%, 51%, 39%
CMY	0.3922, 0.4941, 0.6078
CMYK	0.00, 0.17, 0.35, 0.39
HSL	32°, 22%, 50%
HSV	32°, 35%, 61%
XYZ	23.6681, 23.5892, 15.3623
YIQ	133.4680, 24.8050, -3.5070

Conversions

Conversions Part 2

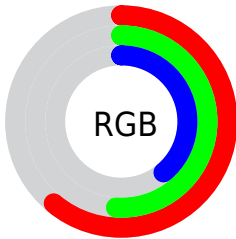
Format	Color
R_{YB}	149, 155, 100
Decimal	10191204
CIE _{Lab}	55.67, 5.63, 19.46
CIE _{LCh}	56, 20.254, 73.874
Yxy	23.5892, 0.3780, 0.3767
Android (android.graphics.Color)	4288381284 (0xFF9B8164)
YUV	133.4680, -16.4997, 18.8836
Hunter-Lab	48.5687, 1.9899, 15.2447

Details

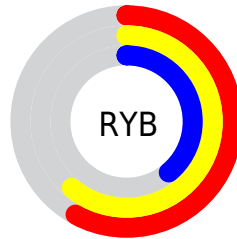
The XYZ color **23.6681, 23.5892, 15.3623** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.6326, 19.9969, 33.8882**, and the grayscale version is **22.5176, 23.6903, 25.7987**.

A 20% lighter version of the original color is **48.8922, 49.3919, 36.2348**, and **9.1048, 8.8779, 4.6019** is the 20% darker color. If you saturate the color by 10%, you get **22.0576, 21.4566, 11.4698**, and if you desaturate by 10%, it is **25.4918, 25.9195, 20.0307**.

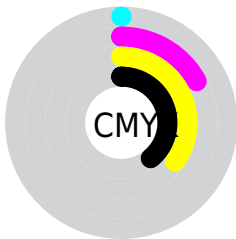
Distribution



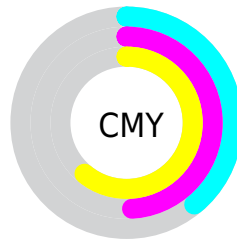
- Red (61%)
- Green (51%)
- Blue (39%)



- Red (58%)
- Yellow (61%)
- Blue (39%)



- Cyan (0%)
- Magenta (17%)
- Yellow (35%)
- Black (39%)



- Cyan (39%)
- Magenta (49%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6681, 23.5892, 15.3623 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 23.6681, 23.5892, 15.3623 by changing the saturation by 10% instead.

■ 23.6681, 23.5892,
15.3623

■ 23.6681, 23.5892,
15.3623

263.6099,
270.7370, 237.2646

■ 15.2110, 15.0292,
8.9246

■ 48.9467, 49.3590,
36.2388

■ 9.0549, 8.8399,
4.5959

■ 66.4989, 67.3376,
51.5146

■ 4.8344, 4.6369,
1.9576

■ 87.8134, 89.2244,
70.5736

■ 2.1842, 2.0358,
0.5290

■ 113.2558,
115.4040, 93.8343

■ 0.7344, 0.6282,
0.0000

143.1913,
146.2606, 121.7152

■ 0.0000, 0.0000,
0.0000

177.9852,

182.1787, 154.6349

218.0030,
223.5427, 193.0118

■ 23.6681, 23.5892,
15.3623

■ 23.6681, 23.5892,
15.3623

■ 22.0576, 21.4566,
11.4698

■ 25.4918, 25.9195,
20.0307

■ 20.6489, 19.5123,
8.3083

■ 27.5357, 28.4500,
25.5132

■ 19.4321, 17.7509,
5.8310

■ 29.8089, 31.1873,
31.8476

■ 18.3958, 16.1652,
3.9844

■ 32.3190, 34.1366,
39.0686

■ 17.5268, 14.7475,
2.7074

■ 35.0735, 37.3031,
47.2090

■ 16.8081, 13.4882,
1.9186

■ 38.0796, 40.6914,
56.3000

■ 16.5151, 12.9636,
1.6318

■ 41.3440, 44.3063,
66.3713

■ 44.8733, 48.1524,
77.4512

■ 48.6736, 52.2339,
89.5669

Harmonies

Analogous

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



25.7523, 23.5892, 17.8883



23.6681, 23.5892, 15.3623



21.3800, 23.5892, 15.2713

Triad

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



23.6681, 23.5892, 15.3623



18.4064, 23.5892, 28.8335



25.6181, 23.5892, 35.9067

Complementary

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



23.6681, 23.5892, 15.3623



18.6326, 19.9969, 33.8882

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.



23.4949, 23.5892, 39.9999



23.6681, 23.5892, 15.3623



19.3898, 23.5892, 35.4696

Square

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



23.6681, 23.5892, 15.3623



18.4458, 23.5892, 22.3341



21.2182, 23.5892, 39.8275



26.9295, 23.5892, 29.3546

Rectangle

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



23.6681, 23.5892, 15.3623



20.0517, 23.5892, 16.5611



21.2182, 23.5892, 39.8275



24.9696, 23.5892, 37.6619

Sweetspot

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



23.6687, 23.5903, 15.3628



51.0002, 52.9975, 50.3436



21.8786, 17.6046, 22.1817



11.4303, 11.8587, 11.0806



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.6687, 23.5903, 15.3628



39.9518, 39.0313, 21.5955



27.3640, 31.2411, 16.6448



6.4648, 6.7347, 6.5650



13.3034, 10.4893, 1.3235



0.2353, 0.2296, 0.0319

Inverse Universe

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



18.6326, 19.9969, 33.8882



29.4930, 31.5713, 60.0757



15.8313, 14.2431, 32.9252



6.1132, 6.4837, 7.8583



6.7173, 5.8314, 25.6792



0.1365, 0.1592, 0.3959

Previews

White Background



This preview shows how the XYZ color 23.6681, 23.5892, 15.3623 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 23.6681, 23.5892, 15.3623 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 23.6681, 23.5892, 15.3623

Background



This preview shows how black text looks on a background with the XYZ color 23.6681, 23.5892, 15.3623.



This preview shows how white text looks on a background with the XYZ color 23.6681, 23.5892,

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

23.6681, 23.5892, 15.3623

Protanopia

22.1135, 23.5740, 15.9551

Deuteranopia

23.9240, 23.5265, 15.3367



Tritanopia

25.8088, 23.5075, 25.7314

Trichromacy



Original Color

23.6681, 23.5892, 15.3623

Protanomaly

22.6328, 23.6452, 15.6830

Deuteranomaly

23.7297, 23.4264, 15.3276

Tritanomaly

25.0743, 23.5960, 21.6453

Monochromacy



Original Color

23.6681, 23.5892, 15.3623

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.6870, 23.5457, 21.4382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6681, 23.5892, 15.3623 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(155, 129, 100)` looks like.

```
.text, #text, p{  
    color:rgb(155, 129, 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(155, 129, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 129, 100) }
```

Border

The CSS property to change the border of an element to XYZ 23.6681, 23.5892, 15.3623 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(155, 129, 100) }
```


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

```
.border{ border-color:rgb(155, 129, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 129, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 129, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 129, 100);  
box-shadow:4px 4px 4px 4px rgb(155, 129,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6681, 23.5892, 15.3623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 129, 100) }
```

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

```
.background{ background-color: rgb(155,  
129, 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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