

Converting Colors

XYZ(23.6219, 23.0661, 20.3467)

Have a look what the booklet for
XYZ(23.6219, 23.0661, 20.3467)
contains.

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Color

**XYZ(23.6219, 23.0661,
20.3467)**

Conversions

Conversions Part 1

Format	Color
Hex	977F76
RGB	151, 127, 118
RGB Percent	59%, 50%, 46%
CMY	0.4078, 0.5019, 0.5373
CMYK	0.00, 0.16, 0.22, 0.41
HSL	16°, 14%, 53%
HSV	16°, 22%, 59%
XYZ	23.6219, 23.0661, 20.3467
YIQ	133.1500, 17.1930, 2.2890

Conversions

Conversions Part 2

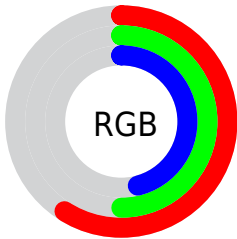
Format	Color
R_{YB}	151, 130, 118
Decimal	9928566
CIE Lab	55.14, 7.72, 8.31
CIE LCh	55, 11.346, 47.113
Yxy	23.0661, 0.3524, 0.3441
Android (android.graphics.Color)	4288118646 (0xFF977F76)
YUV	133.1500, -7.4690, 15.6544
Hunter-Lab	48.0272, 3.7467, 8.5008

Details

The XYZ color **23.6219, 23.0661, 20.3467** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.7299, 25.4312, 32.9890**, and the grayscale version is **22.3715, 23.5365, 25.6313**.

A 20% lighter version of the original color is **49.0306, 48.6666, 44.8396**, and **9.0854, 8.6003, 6.9755** is the 20% darker color. If you saturate the color by 10%, you get **21.4539, 20.0529, 15.5457**, and if you desaturate by 10%, it is **26.0894, 26.4481, 25.9568**.

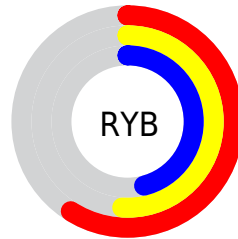
Distribution



Red (59%)

Green (50%)

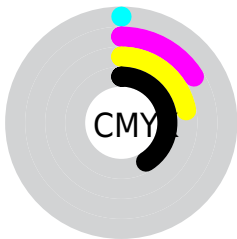
Blue (46%)



Red (59%)

Yellow (51%)

Blue (46%)

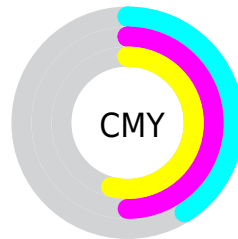


Cyan (0%)

Magenta (16%)

Yellow (22%)

Black (41%)



Cyan (41%)

Magenta (50%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6219, 23.0661, 20.3467 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 23.6219, 23.0661, 20.3467 by changing the saturation by 10% instead.

■ 23.6219, 23.0661,
20.3467

■ 23.6219, 23.0661,
20.3467

263.3794,
268.0643, 266.4519

■ 15.1766, 14.6423,
12.4607

■ 48.8717, 48.5018,
44.8643

■ 9.0305, 8.5687,
6.9319

■ 66.4068, 66.2826,
62.3330

■ 4.8184, 4.4610,
3.3418

■ 87.7027, 87.9511,
83.8330

■ 2.1748, 1.9346,
1.2717

113.1246,
113.8918, 109.7829

■ 0.7294, 0.5691,
0.0384

143.0378,
144.4891, 140.6012

■ 0.0000, 0.0000,
0.0000

177.8078,

180.1274, 176.7064

217.7999,
221.1910, 218.5172

■ 23.6219, 23.0661,
20.3467

■ 23.6219, 23.0661,
20.3467

■ 21.4539, 20.0529,
15.5457

■ 26.0894, 26.4481,
25.9568

■ 19.5718, 17.3926,
11.5149

■ 28.8657, 30.2076,
32.4097

■ 17.9636, 15.0730,
8.2140

■ 31.9617, 34.3571,
39.7389

■ 16.6157, 13.0799,
5.5989

■ 35.3876, 38.9075,
47.9757

■ 15.5135, 11.3981,
3.6202

■ 39.1529, 43.8693,
57.1497

■ 14.6403, 10.0109,
2.2220

■ 43.2667, 49.2527,
67.2893

■ 13.9774, 8.9000,
1.3387

■ 47.7377, 55.0673,
78.4217

■ 13.5623, 8.1789,
0.8639

■ 52.5746, 61.3225,
90.5729

■ 57.7855, 68.0276,
103.7680

Harmonies

Analogous

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



24.3327, 23.0661, 23.1195



23.6219, 23.0661, 20.3467



22.4709, 23.0661, 18.9152

Triad

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



23.6219, 23.0661, 20.3467



19.6359, 23.0661, 23.5925



22.6476, 23.0661, 32.3824

Complementary

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



23.6219, 23.0661, 20.3467



22.7299, 25.4312, 32.9890

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.



21.3853, 23.0661, 32.5402



23.6219, 23.0661, 20.3467



19.6790, 23.0661, 27.2223

Square

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



23.6219, 23.0661, 20.3467



20.1884, 23.0661, 20.6641



20.3088, 23.0661, 30.5756



23.7555, 23.0661, 30.1632

Rectangle

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



23.6219, 23.0661, 20.3467



21.6237, 23.0661, 18.8144



20.3088, 23.0661, 30.5756



22.2264, 23.0661, 32.6854

Sweetspot

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



23.6225, 23.0671, 20.3472



48.9962, 50.4530, 51.7408



24.1387, 21.4954, 28.5470



11.0776, 11.3878, 11.6239



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.6225, 23.0671, 20.3472



40.4272, 38.7108, 32.2503



25.9003, 27.6226, 21.1064



6.3391, 6.4834, 6.5231



11.5590, 7.0004, 0.7420



0.2001, 0.1592, 0.0202

Inverse Universe

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



22.7299, 25.4312, 32.9890



38.5480, 43.6774, 58.8326



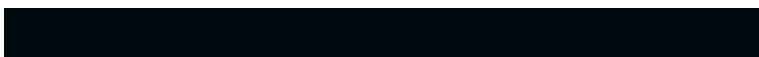
20.4799, 20.9313, 32.2390



6.2420, 6.7414, 7.9012



9.5021, 11.4009, 26.6075



0.1717, 0.2297, 0.4077

Previews

White Background



This preview shows how the XYZ color 23.6219, 23.0661, 20.3467 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 23.6219, 23.0661, 20.3467 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 23.6219, 23.0661, 20.3467

Background



This preview shows how black text looks on a background with the XYZ color 23.6219, 23.0661, 20.3467.



This preview shows how white text looks on a background with the XYZ color 23.6219, 23.0661,

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

23.6219, 23.0661, 20.3467

Protanopia

21.9580, 23.1770, 21.0856

Deuteranopia

23.4371, 22.9708, 20.3381



Tritanopia

24.7736, 23.1608, 25.7190

Trichromacy



Original Color

23.6219, 23.0661, 20.3467

Protanomaly

22.4677, 23.0480, 20.7173

Deuteranomaly

23.4371, 22.9708, 20.3381

Tritanomaly

24.3060, 23.1556, 23.6105

Monochromacy



Original Color

23.6219, 23.0661, 20.3467

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.8278, 23.3666, 23.7291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6219, 23.0661, 20.3467 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(151, 127, 118)` looks like.

```
.text, #text, p{  
    color:rgb(151, 127, 118)  
}
```

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(151, 127, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 127, 118) }
```

Border

The CSS property to change the border of an element to XYZ 23.6219, 23.0661, 20.3467 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(151, 127, 118) }
```


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

```
.border{ border-color:rgb(151, 127, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 127, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 127, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 127, 118);  
box-shadow:4px 4px 4px 4px rgb(151, 127,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6219, 23.0661, 20.3467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 127, 118) }
```

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

```
.background{ background-color: rgb(151,  
127, 118) }
```

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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