

Converting Colors

XYZ(23.6675, 23.6086, 23.3882)

Have a look what the booklet for
XYZ(23.6675, 23.6086, 23.3882)
contains.

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Color

**XYZ(23.6675, 23.6086,
23.3882)**

Conversions

Conversions Part 1

Format	Color
Hex	92827F
RGB	146, 130, 127
RGB Percent	57%, 51%, 50%
CMY	0.4274, 0.4902, 0.5020
CMYK	0.00, 0.11, 0.13, 0.43
HSL	9°, 8%, 54%
HSV	9°, 13%, 57%
XYZ	23.6675, 23.6086, 23.3882
YIQ	134.4420, 10.4990, 2.4590

Conversions

Conversions Part 2

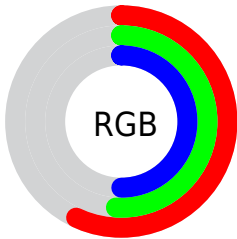
Format	Color
R _Y B	146, 131, 127
Decimal	9601663
CIE Lab	55.69, 5.54, 3.83
CIE LCh	56, 6.735, 34.682
Yxy	23.6086, 0.3349, 0.3341
Android (android.graphics.Color)	4287791743 (0xFF92827F)
YUV	134.4420, -3.6689, 10.1364
Hunter-Lab	48.5887, 1.9170, 5.4728

Details

The XYZ color **23.6675, 23.6086, 23.3882** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7631, 26.2318, 31.0052**, and the grayscale version is **22.8337, 24.0228, 26.1608**.

A 20% lighter version of the original color is **48.9911, 49.4416, 50.1411**, and **9.0369, 8.8678, 8.4431** is the 20% darker color. If you saturate the color by 10%, you get **21.2457, 20.1788, 18.2217**, and if you desaturate by 10%, it is **26.4239, 27.4864, 29.3472**.

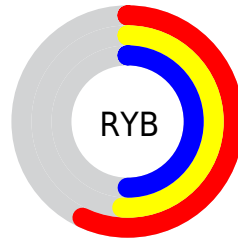
Distribution



Red (57%)

Green (51%)

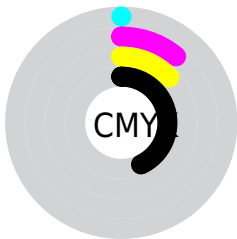
Blue (50%)



Red (57%)

Yellow (51%)

Blue (50%)

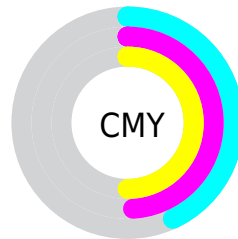


Cyan (0%)

Magenta (11%)

Yellow (13%)

Black (43%)



Cyan (43%)

Magenta (49%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6675, 23.6086, 23.3882 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 23.6675, 23.6086, 23.3882 by changing the saturation by 10% instead.

■ 23.6675, 23.6086,
23.3882

■ 23.6675, 23.6086,
23.3882

263.6069,
270.8357, 282.8989

■ 15.2106, 15.0435,
14.6724

■ 48.9457, 49.3907,
49.9612

■ 9.0546, 8.8499,
8.4458

■ 66.4977, 67.3766,
68.6555

■ 4.8342, 4.6434,
4.2896

■ 87.8120, 89.2715,
91.5131

■ 2.1841, 2.0396,
1.7855

113.2541,
115.4599, 118.9525

■ 0.7343, 0.6303,
0.4184

143.1893,
146.3261, 151.3922

■ 0.0000, 0.0000,
0.0000

177.9829,

182.2545, 189.2509

218.0003,
223.6296, 232.9469

■ 23.6675, 23.6086,
23.3882

■ 23.6675, 23.6086,
23.3882

■ 21.2457, 20.1788,
18.2217

■ 26.4239, 27.4864,
29.3472

■ 19.1437, 17.1777,
13.8127

■ 29.5251, 31.8243,
36.1285

■ 17.3487, 14.5895,
10.1260

■ 32.9830, 36.6379,
43.7623

■ 15.8460, 12.3958,
7.1229

■ 36.8087, 41.9410,
52.2768

■ 14.6200, 10.5773,
4.7612

■ 41.0125, 47.7470,
61.6989

■ 13.6533, 9.1126,
2.9937

■ 45.6046, 54.0686,
72.0545

■ 12.9265, 7.9784,
1.7671

■ 50.5946, 60.9182,
83.3682

■ 12.4175, 7.1483,
1.0182

■ 55.9917, 68.3077,
95.6637

■ 12.1621, 6.7268,
0.6574

■ 61.2525, 76.0276,
106.0542

Harmonies

Analogous

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



23.9335, 23.6086, 25.3643



23.6675, 23.6086, 23.3882



23.0726, 23.6086, 22.0915

Triad

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



23.6675, 23.6086, 23.3882



21.1390, 23.6086, 23.9504



22.5592, 23.6086, 30.1251

Complementary

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



23.6675, 23.6086, 23.3882



23.7631, 26.2318, 31.0052

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.



21.8177, 23.6086, 29.6941



23.6675, 23.6086, 23.3882



21.0085, 23.6086, 26.0502

Square

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



23.6675, 23.6086, 23.3882



21.6147, 23.6086, 22.4030



21.2543, 23.6086, 28.1716



23.2845, 23.6086, 29.3182

Rectangle

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



23.6675, 23.6086, 23.3882



22.5755, 23.6086, 21.7449



21.2543, 23.6086, 28.1716



22.3036, 23.6086, 30.1206

Sweetspot

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



23.6682, 23.6096, 23.3887



46.0667, 47.7203, 50.5808



24.4131, 23.2778, 29.2529



10.1701, 10.5064, 11.0830



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.6682, 23.6096, 23.3887



40.2742, 39.5604, 38.0907



24.9685, 26.2104, 23.8222



5.8705, 5.9547, 6.0804



10.7140, 5.9425, 0.5823



0.1452, 0.1008, 0.0118

Inverse Universe

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



23.7631, 26.2318, 31.0052



40.4791, 45.2331, 54.5709



22.4178, 23.5413, 30.5568



5.8869, 6.4078, 7.3963



10.8040, 14.3028, 26.1223



0.1491, 0.2088, 0.3253

Previews

White Background



This preview shows how the XYZ color 23.6675, 23.6086, 23.3882 looks on a white background.

Color Contrast Check

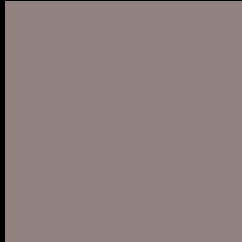
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6675, 23.6086, 23.3882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

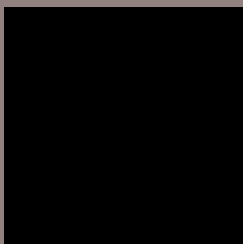
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

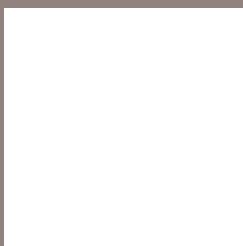
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.6675, 23.6086, 23.3882

Background



This preview shows how black text looks on a background with the XYZ color 23.6675, 23.6086, 23.3882.



This preview shows how white text looks on a background with the XYZ color 23.6675, 23.6086,

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

23.6675, 23.6086, 23.3882

Protanopia

22.6665, 23.6784, 24.1446

Deuteranopia

24.0754, 23.6224, 23.3693



Tritanopia

24.5194, 23.5692, 27.3018

Trichromacy



Original Color

23.6675, 23.6086, 23.3882

Protanomaly

22.9628, 23.6365, 23.7741

Deuteranomaly

23.8938, 23.5287, 23.3608

Tritanomaly

24.1860, 23.6248, 25.8396

Monochromacy



Original Color

23.6675, 23.6086, 23.3882

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.9655, 23.8170, 24.8595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6675, 23.6086, 23.3882 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(146, 130, 127) looks like.

```
.text, #text, p{  
    color:rgb(146, 130, 127)  
}
```

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(146, 130, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 130, 127) }
```

Border

The CSS property to change the border of an element to XYZ 23.6675, 23.6086, 23.3882 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(146, 130, 127) }
```


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

```
.border{ border-color:rgb(146, 130, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 130, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 130, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 130, 127);  
box-shadow:4px 4px 4px 4px rgb(146, 130,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6675, 23.6086, 23.3882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 130, 127) }
```

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

```
.background{ background-color: rgb(146,  
130, 127) }
```

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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