

Converting Colors

XYZ(23.5823, 22.9298, 25.0124)

Have a look what the booklet for
XYZ(23.5823, 22.9298, 25.0124)
contains.

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Color

**XYZ(23.6083, 22.9557,
25.0164)**

Conversions

Conversions Part 1

Format	Color
Hex	927F84
RGB	146, 127, 132
RGB Percent	57%, 50%, 52%
CMY	0.4274, 0.5019, 0.4823
CMYK	0.00, 0.13, 0.10, 0.43
HSL	344°, 8%, 54%
HSV	344°, 13%, 57%
XYZ	23.6083, 22.9557, 25.0164
YIQ	133.2510, 9.7190, 5.5830

Conversions

Conversions Part 2

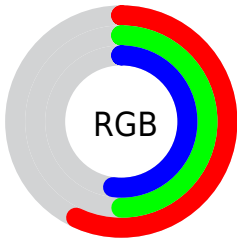
Format	Color
R_{YB}	146, 127, 132
Decimal	9600900
CIE Lab	55.03, 8.15, -0.04
CIE LCh	55, 8.151, 359.753
Yxy	22.9557, 0.3298, 0.3207
Android (android.graphics.Color)	4287790980 (0xFF927F84)
YUV	133.2510, -0.6167, 11.1809
Hunter-Lab	47.9121, 4.1082, 2.5813

Details

The XYZ color **23.6083, 22.9557, 25.0164** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.8399, 26.9935, 29.1544**, and the grayscale version is **22.3860, 23.5518, 25.6480**.

A 20% lighter version of the original color is **48.8976, 48.4247, 52.6687**, and **9.0050, 8.5062, 9.3509** is the 20% darker color. If you saturate the color by 10%, you get **21.1590, 19.1751, 20.7529**, and if you desaturate by 10%, it is **26.4081, 27.3153, 29.7720**.

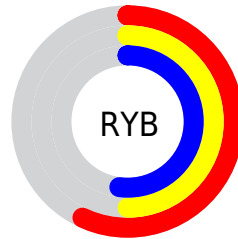
Distribution



Red (57%)

Green (50%)

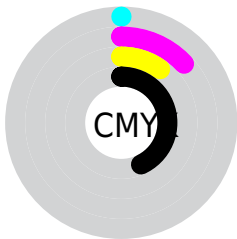
Blue (52%)



Red (57%)

Yellow (50%)

Blue (52%)

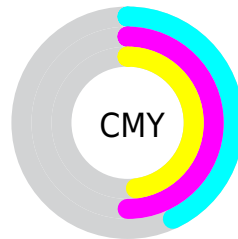


Cyan (0%)

Magenta (13%)

Yellow (10%)

Black (43%)



Cyan (43%)

Magenta (50%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6083, 22.9557, 25.0164 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 23.6083, 22.9557, 25.0164 by changing the saturation by 10% instead.

■ 23.6083, 22.9557,
25.0164

■ 23.6083, 22.9557,
25.0164

263.3115,
267.4974, 291.3699

■ 15.1665, 14.5608,
15.8701

■ 48.8496, 48.3206,
52.6483

■ 9.0234, 8.5117,
9.2789

■ 66.3798, 66.0593,
71.9710

■ 4.8137, 4.4241,
4.8243

■ 87.6701, 87.6815,
95.5229

■ 2.1720, 1.9135,
2.0876

113.0859,
113.5715, 123.7226

■ 0.7279, 0.5565,
0.6084

142.9926,
144.1137, 156.9886

■ 0.0000, 0.0000,
0.0000

177.7556,

179.6925, 195.7395

217.7401,
220.6922, 240.3937

■ 23.6083, 22.9557,
25.0164

■ 23.6083, 22.9557,
25.0164

■ 21.1590, 19.1751,
20.7529

■ 26.4081, 27.3153,
29.7720

■ 19.0443, 15.9460,
16.9640

■ 29.5697, 32.2736,
35.0335

■ 17.2499, 13.2435,
13.6334

■ 33.1062, 37.8533,
40.8159

■ 15.7596, 11.0393,
10.7433

■ 37.0294, 44.0749,
47.1330

■ 14.5560, 9.3027,
8.2745

■ 41.3509, 50.9581,
53.9984

■ 13.6195, 7.9993,
6.2065

■ 46.0813, 58.5215,
61.4250

■ 12.9283, 7.0902,
4.5169

■ 51.2313, 66.7832,
69.4252

■ 12.4566, 6.5292,
3.1808

■ 56.8109, 75.7606,
78.0112

■ 12.2106, 6.2536,
2.4318

■ 61.7341, 83.2790,
86.8295

Harmonies

Analogous

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



23.3591, 22.9557, 27.5944



23.6083, 22.9557, 25.0164



23.3670, 22.9557, 22.5988

Triad

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



23.6083, 22.9557, 25.0164



20.9652, 22.9557, 20.9072



20.9525, 22.9557, 29.5593

Complementary

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



23.6083, 22.9557, 25.0164



23.8399, 26.9935, 29.1544

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.



20.3404, 22.9557, 27.5545



23.6083, 22.9557, 25.0164



20.3475, 22.9557, 22.5640

Square

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



23.6083, 22.9557, 25.0164



21.8262, 22.9557, 20.3285



20.1219, 22.9557, 24.9733



21.8112, 22.9557, 30.3257

Rectangle

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



23.6083, 22.9557, 25.0164



22.9642, 22.9557, 21.3755



20.1219, 22.9557, 24.9733



20.7120, 22.9557, 29.0013

Sweetspot

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



23.6089, 22.9567, 25.0169



46.0283, 47.3147, 51.5815



23.7516, 22.9120, 30.3650



10.1602, 10.4019, 11.3412



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.



23.6089, 22.9567, 25.0169



40.1499, 38.1776, 41.5462



23.8602, 23.9935, 23.4536



5.8597, 5.8390, 6.3674



10.7535, 5.5065, 2.1830



0.1424, 0.0717, 0.0834

Inverse Universe

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



23.6089, 22.9567, 25.0169



40.1499, 38.1776, 41.5462



23.5502, 25.8054, 30.9341



5.8597, 5.8390, 6.3674



10.7535, 5.5065, 2.1830



0.1424, 0.0717, 0.0834

Previews

White Background



This preview shows how the XYZ color 23.6083, 22.9557, 25.0164 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 23.6083, 22.9557, 25.0164 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

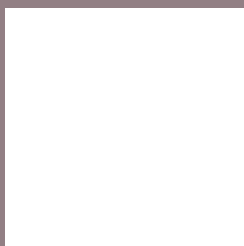
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.6083, 22.9557, 25.0164

Background



This preview shows how black text looks on a background with the XYZ color 23.6083, 22.9557, 25.0164.



This preview shows how white text looks on a background with the XYZ color 23.6083, 22.9557,

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

23.6083, 22.9557, 25.0164

Protanopia

22.0922, 22.9404, 25.8178

Deuteranopia

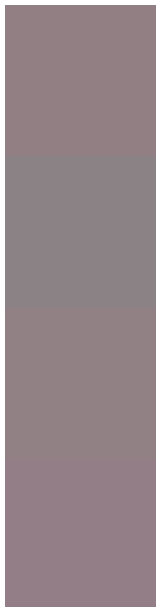
23.3856, 23.0336, 25.0432



Tritanopia

23.9374, 22.9023, 26.4515

Trichromacy



Original Color

23.6083, 22.9557, 25.0164

Protanomaly

22.6975, 23.0620, 25.4454

Deuteranomaly

23.5611, 23.1240, 25.0514

Tritanomaly

23.8667, 22.8740, 26.0789

Monochromacy



Original Color

23.6083, 22.9557, 25.0164

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.8312, 23.3293, 25.4900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6083, 22.9557, 25.0164 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, 127, 132) looks like.

```
.text, #text, p{  
    color:rgb(146, 127, 132)  
}
```

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, 127, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 127, 132) }
```

Border

The CSS property to change the border of an element to XYZ 23.6083, 22.9557, 25.0164 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, 127, 132) }
```


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

```
.border{ border-color:rgb(146, 127, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 127, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 127, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 127, 132);  
box-shadow:4px 4px 4px 4px rgb(146, 127,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6083, 22.9557, 25.0164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 127, 132) }
```

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

```
.background{ background-color: rgb(146,  
127, 132) }
```

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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