

Converting Colors

XYZ(23.1069, 25.5171, 17.5099)

Have a look what the booklet for
XYZ(23.1069, 25.5171, 17.5099)
contains.

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Color

**XYZ(23.1873, 25.5685,
17.6230)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8C6B
RGB	142, 140, 107
RGB Percent	56%, 55%, 42%
CMY	0.4431, 0.4510, 0.5804
CMYK	0.00, 0.01, 0.25, 0.44
HSL	57°, 14%, 49%
HSV	57°, 25%, 56%
XYZ	23.1873, 25.5685, 17.6230
YIQ	136.8360, 11.7850, -9.8390

Conversions

Conversions Part 2

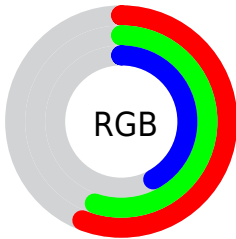
Format	Color
R_{YB}	109, 142, 107
Decimal	9342059
CIE Lab	57.63, -4.93, 17.95
CIE LCh	58, 18.610, 105.357
Yxy	25.5685, 0.3493, 0.3852
Android (android.graphics.Color)	4287532139 (0xFF8E8C6B)
YUV	136.8360, -14.7091, 4.5288
Hunter-Lab	50.5653, -6.6361, 14.7320

Details

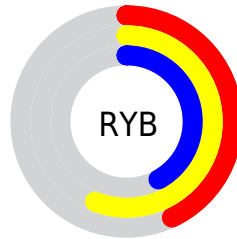
The XYZ color **23.1873, 25.5685, 17.6230** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.4145, 16.0158, 27.8176**, and the grayscale version is **23.7672, 25.0049, 27.2303**.

A 20% lighter version of the original color is **48.0929, 52.3789, 40.3763**, and **8.7600, 9.8522, 5.5776** is the 20% darker color. If you saturate the color by 10%, you get **22.3831, 25.0590, 13.9669**, and if you desaturate by 10%, it is **24.1164, 26.1312, 21.9267**.

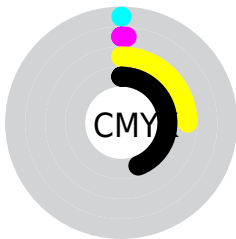
Distribution



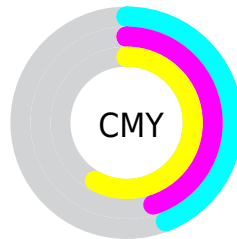
- Red (56%)
- Green (55%)
- Blue (42%)



- Red (43%)
- Yellow (56%)
- Blue (42%)



- Cyan (0%)
- Magenta (1%)
- Yellow (25%)
- Black (44%)



- Cyan (44%)
- Magenta (45%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1873, 25.5685, 17.6230 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 23.1873, 25.5685, 17.6230 by changing the saturation by 10% instead.

■ 23.1873, 25.5685,
17.6230

■ 23.1873, 25.5685,
17.6230

261.2030,
280.6574, 250.9018

■ 14.8533, 16.5011,
10.5130

■ 48.1651, 52.5780,
40.1991

■ 8.8022, 9.8794,
5.6304

■ 65.5396, 71.2889,
56.5023

■ 4.6684, 5.3191,
2.5565

■ 86.6584, 93.9831,
76.7070

■ 2.0868, 2.4357,
0.8699

■ 111.8867,
121.0450, 101.2317

■ 0.6820, 0.8442,
0.0000

141.5900,
152.8590, 130.4950

■ 0.0000, 0.0000,
0.0000

176.1335,

189.8095, 164.9154

215.8827,
232.2808, 204.9115

■ 23.1873, 25.5685,
17.6230

■ 23.1873, 25.5685,
17.6230

■ 22.3831, 25.0590,
13.9669

■ 24.1164, 26.1312,
21.9267

■ 21.6958, 24.5967,
10.9254

■ 25.1741, 26.7458,
26.9057

■ 21.1196, 24.1803,
8.4647

■ 26.3661, 27.4155,
32.5882

■ 20.6475, 23.8068,
6.5473

■ 27.6976, 28.1424,
39.0002

■ 20.2714, 23.4732,
5.1315

■ 29.1730, 28.9283,
46.1664

■ 19.9822, 23.1757,
4.1692

■ 30.7970, 29.7751,
54.1103

■ 19.7682, 22.9097,
3.5984

■ 32.5738, 30.6844,
62.8545

■ 19.6665, 22.7730,
3.3591

■ 34.5074, 31.6578,
72.4205

■ 36.6019, 32.6970,
82.8292

Harmonies

Analogous

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



25.3990, 25.5685, 17.5939



23.1873, 25.5685, 17.6230



21.3853, 25.5685, 20.0916

Triad

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



23.1873, 25.5685, 17.6230



21.4199, 25.5685, 37.4921



28.6778, 25.5685, 31.0512

Complementary

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



23.1873, 25.5685, 17.6230



16.4145, 16.0158, 27.8176

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.



27.4728, 25.5685, 37.3606



23.1873, 25.5685, 17.6230



23.2372, 25.5685, 41.4465

Square

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



23.1873, 25.5685, 17.6230



20.4081, 25.5685, 31.2101



25.4521, 25.5685, 41.3950



28.6624, 25.5685, 24.7212

Rectangle

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



23.1873, 25.5685, 17.6230



20.6195, 25.5685, 23.0400



25.4521, 25.5685, 41.3950



28.3990, 25.5685, 33.2637

Sweetspot

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



23.1880, 25.5696, 17.6235



43.9042, 46.8837, 45.1377



19.1916, 17.3778, 16.9053



9.7856, 10.4598, 9.9846



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



23.1880, 25.5696, 17.6235



40.0158, 44.5407, 27.0902



21.0547, 24.9071, 17.6081



5.8136, 6.2334, 5.7861



17.6620, 20.4557, 3.0175



0.1741, 0.2060, 0.0306

Inverse Universe

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



16.4145, 16.0158, 27.8176



25.7959, 24.4847, 48.4943



18.1901, 16.6185, 27.8404



5.1528, 5.3013, 6.7804



4.4674, 1.9209, 23.1124



0.0466, 0.0262, 0.2223

Previews

White Background



This preview shows how the XYZ color 23.1873, 25.5685, 17.6230 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 23.1873, 25.5685, 17.6230 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

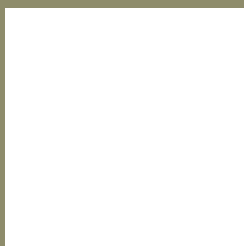
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1873, 25.5685, 17.6230

Background



This preview shows how black text looks on a background with the XYZ color 23.1873, 25.5685, 17.6230.



This preview shows how white text looks on a background with the XYZ color 23.1873, 25.5685,

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

23.1873, 25.5685, 17.6230

Protanopia

23.9027, 25.5135, 17.3005

Deuteranopia

25.9946, 25.5391, 17.7468



Tritanopia

25.8074, 25.5753, 30.3644

Trichromacy



Original Color

23.1873, 25.5685, 17.6230

Protanomaly

23.6882, 25.6168, 17.3317

Deuteranomaly

25.0285, 25.6596, 17.8210

Tritanomaly

24.7194, 25.5498, 25.1015

Monochromacy



Original Color

23.1873, 25.5685, 17.6230

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.5018, 25.1723, 23.3587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1873, 25.5685, 17.6230 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(142, 140, 107)` looks like.

```
.text, #text, p{  
    color:rgb(142, 140, 107)  
}
```

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(142, 140, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 140, 107) }
```

Border

The CSS property to change the border of an element to XYZ 23.1873, 25.5685, 17.6230 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(142, 140, 107) }
```


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

```
.border{ border-color:rgb(142, 140, 107) }
```

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

Here you see how a box with a 4 pixel rgb(142, 140, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 140, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 140, 107);  
box-shadow:4px 4px 4px 4px rgb(142, 140,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1873, 25.5685, 17.6230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 140, 107) }
```

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

```
.background{ background-color: rgb(142,  
140, 107) }
```

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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