

Converting Colors

XYZ(32.5130, 36.1462, 24.0553)

Have a look what the booklet for
XYZ(32.5130, 36.1462, 24.0553)
contains.

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Color

**XYZ(32.3677, 35.9803,
23.9778)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A47B
RGB	165, 164, 123
RGB Percent	65%, 64%, 48%
CMY	0.3529, 0.3568, 0.5176
CMYK	0.00, 0.01, 0.25, 0.35
HSL	59°, 19%, 56%
HSV	59°, 25%, 65%
XYZ	32.3677, 35.9803, 23.9778
YIQ	159.6250, 13.7570, -12.5390

Conversions

Conversions Part 2

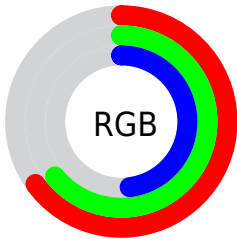
Format	Color
RYB	124, 165, 123
Decimal	10855547
CIELab	66.50, -6.46, 21.47
CIELCh	67, 22.425, 106.747
Yxy	35.9803, 0.3506, 0.3897
Android (android.graphics.Color)	4289045627 (0xFFA5A47B)
YUV	159.6250, -18.0561, 4.7139
Hunter-Lab	59.9836, -8.6510, 18.2880

Details

The XYZ color **32.3677, 35.9803, 23.9778** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.1676, 21.3425, 38.5488**, and the grayscale version is **33.3178, 35.0529, 38.1726**.

A 20% lighter version of the original color is **62.6832, 69.0133, 51.0914**, and **13.8403, 15.5935, 8.7589** is the 20% darker color. If you saturate the color by 10%, you get **31.3511, 35.4630, 18.9654**, and if you desaturate by 10%, it is **33.5605, 36.5709, 29.9087**.

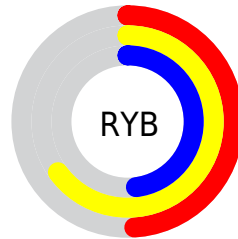
Distribution



Red (65%)

Green (64%)

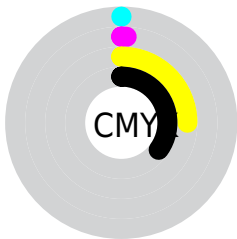
Blue (48%)



Red (49%)

Yellow (65%)

Blue (48%)

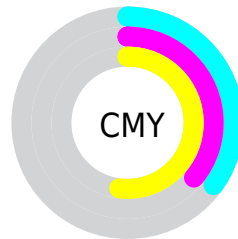


Cyan (0%)

Magenta (1%)

Yellow (25%)

Black (35%)



Cyan (35%)

Magenta (36%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3677, 35.9803, 23.9778 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 32.3677, 35.9803, 23.9778 by changing the saturation by 10% instead.

■ 32.3677, 35.9803,
23.9778

■ 32.3677, 35.9803,
23.9778

304.5065,
328.8744, 285.9912

■ 21.7994, 24.4190,
15.1051

■ 62.7484, 69.0017,
50.9373

■ 13.8254, 15.6447,
8.7457

■ 83.2915, 91.2305,
69.8613

■ 8.0802, 9.2731,
4.4812

■ 107.8903,
117.7839, 92.9727

■ 4.1985, 4.9197,
1.8929

136.9101,
149.0464, 120.6902

■ 1.8151, 2.2002,
0.4882

170.7162,
185.4023, 153.4322

■ 0.5267, 0.7201,
0.0000

209.6741,

■ 0.0000, 0.0000,

227.2360, 191.6174

0.0000

254.1491,
274.9319, 235.6642

■ 32.3677, 35.9803,
23.9778

■ 32.3677, 35.9803,
23.9778

■ 31.3511, 35.4630,
18.9654

■ 33.5605, 36.5709,
29.9087

■ 30.4992, 35.0106,
14.8234

■ 34.9348, 37.2333,
36.7987

■ 29.8035, 34.6211,
11.5025

■ 36.4992, 37.9720,
44.6884

■ 29.2534, 34.2902,
8.9479

■ 38.2609, 38.7900,
53.6157

■ 28.8373, 34.0132,
7.0978

■ 40.2265, 39.6899,
63.6164

■ 28.5418, 33.7848,
5.8810

■ 42.4027, 40.6744,
74.7246

■ 28.3493, 33.5979,
5.2063

■ 44.7956, 41.7459,
86.9728

■ 28.2771, 33.5192,
4.9795

■ 47.4108, 42.9066,
100.3907

■ 47.4827, 43.0505,
100.4147

Harmonies

Analogous

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



35.7029, 35.9803, 23.7676



32.3677, 35.9803, 23.9778



29.6993, 35.9803, 27.8027

Triad

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



32.3677, 35.9803, 23.9778



29.9540, 35.9803, 54.2799



40.8898, 35.9803, 43.5793

Complementary

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



32.3677, 35.9803, 23.9778



22.1676, 21.3425, 38.5488

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.



39.1299, 35.9803, 53.2930



32.3677, 35.9803, 23.9778



32.7364, 35.9803, 60.1200

Square

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



32.3677, 35.9803, 23.9778



28.3697, 35.9803, 44.7614



36.0964, 35.9803, 59.7318



40.7749, 35.9803, 34.0765

Rectangle

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



32.3677, 35.9803, 23.9778



28.5920, 35.9803, 32.3075



36.0964, 35.9803, 59.7318



40.4932, 35.9803, 46.9558

Sweetspot

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



32.3686, 35.9819, 23.9786



61.8697, 66.3491, 62.4075



26.2639, 23.6311, 22.3792



13.4464, 14.4670, 13.2444



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



32.3686, 35.9819, 23.9786



56.8192, 63.8578, 37.2643



28.7783, 34.3968, 23.8618



7.6350, 8.2083, 7.5620



21.3972, 25.3683, 3.7688



0.4538, 0.5414, 0.0806

Inverse Universe

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



22.1676, 21.3425, 38.5488



35.1460, 32.7556, 68.2224



25.1335, 22.6870, 38.6520



6.7133, 6.8856, 8.8783



5.1753, 2.1300, 27.0681



0.1126, 0.0524, 0.5700

Previews

White Background



This preview shows how the XYZ color 32.3677, 35.9803, 23.9778 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.3677, 35.9803, 23.9778 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 ✓ Pass

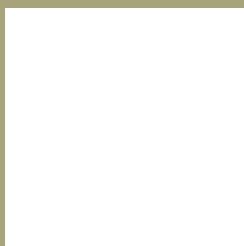
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3677, 35.9803, 23.9778

Background



This preview shows how black text looks on a background with the XYZ color 32.3677, 35.9803, 23.9778.



This preview shows how white text looks on a background with the XYZ color 32.3677, 35.9803,

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

32.3677, 35.9803, 23.9778

Protanopia

33.4913, 35.7791, 23.5532

Deuteranopia

36.6582, 35.8705, 24.3936



Tritanopia

36.2771, 36.0139, 43.0696

Trichromacy



Original Color

32.3677, 35.9803, 23.9778

Protanomaly

33.0107, 35.7918, 23.5810

Deuteranomaly

34.9210, 35.7327, 24.1254

Tritanomaly

34.6828, 35.8765, 35.2339

Monochromacy



Original Color

32.3677, 35.9803, 23.9778

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.9116, 35.2777, 32.6784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3677, 35.9803, 23.9778 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(165, 164, 123)` looks like.

```
.text, #text, p{  
    color:rgb(165, 164, 123)  
}
```

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(165, 164, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 164, 123) }
```

Border

The CSS property to change the border of an element to XYZ 32.3677, 35.9803, 23.9778 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(165, 164, 123) }
```


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

```
.border{ border-color:rgb(165, 164, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 164, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 164, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 164, 123);  
box-shadow:4px 4px 4px 4px rgb(165, 164,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3677, 35.9803, 23.9778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 164, 123) }
```

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

```
.background{ background-color: rgb(165,  
164, 123) }
```

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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