

Converting Colors

XYZ(35.6203, 36.8760, 23.9951)

Have a look what the booklet for
XYZ(35.6203, 36.8760, 23.9951)
contains.

XYZ(35.6114, 36.8649, 23.9776)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.6114, 36.8649,
23.9776)**

Conversions

Conversions Part 1

Format	Color
Hex	B6A17B
RGB	182, 161, 123
RGB Percent	71%, 63%, 48%
CMY	0.2863, 0.3686, 0.5176
CMYK	0.00, 0.12, 0.32, 0.29
HSL	39°, 29%, 60%
HSV	39°, 32%, 71%
XYZ	35.6114, 36.8649, 23.9776
YIQ	162.9470, 24.7140, -7.3660

Conversions

Conversions Part 2

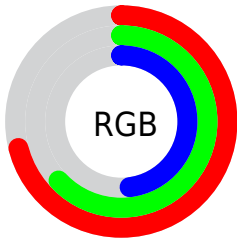
Format	Color
R_{YB}	156, 182, 123
Decimal	11968891
CIE _{Lab}	67.18, 1.94, 22.63
CIE _{LCh}	67, 22.714, 85.096
Yxy	36.8649, 0.3692, 0.3822
Android (android.graphics.Color)	4290158971 (0xFFB6A17B)
YUV	162.9470, -19.6939, 16.7095
Hunter-Lab	60.7165, -1.5601, 19.0873

Details

The XYZ color **35.6114, 36.8649, 23.9776** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.5848, 27.5339, 48.1694**, and the grayscale version is **34.8704, 36.6864, 39.9514**.

A 20% lighter version of the original color is **67.9889, 70.5970, 51.1175**, and **15.7140, 16.2355, 8.7841** is the 20% darker color. If you saturate the color by 10%, you get **33.4740, 34.2469, 18.1572**, and if you desaturate by 10%, it is **38.0212, 39.6883, 30.9346**.

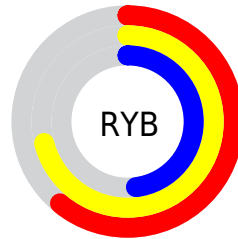
Distribution



Red (71%)

Green (63%)

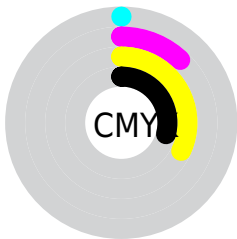
Blue (48%)



Red (61%)

Yellow (71%)

Blue (48%)

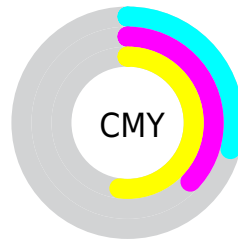


Cyan (0%)

Magenta (12%)

Yellow (32%)

Black (29%)



Cyan (29%)

Magenta (37%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6114, 36.8649, 23.9776 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 35.6114, 36.8649, 23.9776 by changing the saturation by 10% instead.

■ 35.6114, 36.8649,
23.9776

■ 35.6114, 36.8649,
23.9776

318.7198,
332.7252, 285.9901

■ 24.3029, 25.1029,
15.1050

■ 67.7597, 70.3650,
50.9370

■ 15.6844, 16.1537,
8.7456

■ 89.3302, 92.8718,
69.8609

■ 9.3906, 9.6330,
4.4811

■ 115.0520,
119.7291, 92.9722

■ 5.0559, 5.1563,
1.8928

145.2907,
151.3211, 120.6896

■ 2.3152, 2.3393,
0.4882

180.4114,
188.0324, 153.4315

■ 0.8024, 0.7944,
0.0000

220.7796,

■ 0.0000, 0.0000,

230.2472, 191.6166

0.0000

266.7606,
278.3500, 235.6632

■ 35.6114, 36.8649,
23.9776

■ 35.6114, 36.8649,
23.9776

■ 33.4740, 34.2469,
18.1572

■ 38.0212, 39.6883,
30.9346

■ 31.5934, 31.8227,
13.4089

■ 40.7123, 42.7181,
39.0835

■ 29.9570, 29.5871,
9.6653

■ 43.6965, 45.9618,
48.4784

■ 28.5492, 27.5325,
6.8501

■ 46.9841, 49.4246,
59.1697

■ 27.3526, 25.6504,
4.8760

■ 50.5850, 53.1119,
71.2048

■ 26.3467, 23.9310,
3.6390

■ 54.5084, 57.0286,
84.6287

■ 25.6799, 22.7222,
3.0323

■ 58.7633, 61.1795,
99.4845

■ 61.0898, 64.6620,
103.8690

■ 62.7498, 67.9819,
104.4223

Harmonies

Analogous

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



38.9895, 36.8649, 26.4415



35.6114, 36.8649, 23.9776



32.2896, 36.8649, 25.2262

Triad

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



35.6114, 36.8649, 23.9776



29.3474, 36.8649, 48.7847



40.7894, 36.8649, 52.0722

Complementary

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



35.6114, 36.8649, 23.9776



26.5848, 27.5339, 48.1694

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.



37.9402, 36.8649, 60.0080



35.6114, 36.8649, 23.9776



31.3647, 36.8649, 57.9013

Square

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



35.6114, 36.8649, 23.9776



28.8137, 36.8649, 38.5311



34.4727, 36.8649, 62.2993



42.1020, 36.8649, 41.7923

Rectangle

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



35.6114, 36.8649, 23.9776



30.5305, 36.8649, 28.1249



34.4727, 36.8649, 62.2993



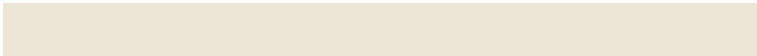
39.9708, 36.8649, 55.1651

Sweetspot

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



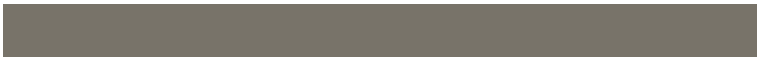
35.6123, 36.8666, 23.9784



74.9801, 78.7353, 74.4862



31.4572, 26.1444, 30.0288



16.3991, 17.2124, 15.9491



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.6123, 36.8666, 23.9784



61.7092, 63.3628, 35.6292



37.7885, 43.9000, 25.2212



9.4740, 9.9510, 9.5283



18.1994, 16.1751, 2.1629



0.6977, 0.6824, 0.0949

Inverse Universe

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



26.5848, 27.5339, 48.1694



42.7613, 43.7839, 86.4331



24.8663, 22.3584, 47.2610



8.7756, 9.2285, 11.3982



7.3458, 5.1512, 31.8602



0.3185, 0.3008, 1.1430

Previews

White Background



This preview shows how the XYZ color 35.6114, 36.8649, 23.9776 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 35.6114, 36.8649, 23.9776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

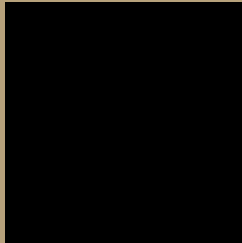
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6114, 36.8649, 23.9776

Background



This preview shows how black text looks on a background with the XYZ color 35.6114, 36.8649, 23.9776.



This preview shows how white text looks on a background with the XYZ color 35.6114, 36.8649,

23.9776.

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

35.6114, 36.8649, 23.9776

Protanopia

34.4145, 36.7636, 24.3510

Deuteranopia

37.6874, 36.9066, 24.2061



Tritanopia

39.1899, 36.7975, 41.5963

Trichromacy



Original Color

35.6114, 36.8649, 23.9776

Protanomaly

34.9185, 36.7609, 24.3239

Deuteranomaly

36.8512, 36.7278, 24.2157

Tritanomaly

37.6505, 36.6626, 34.3704

Monochromacy



Original Color

35.6114, 36.8649, 23.9776

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.8432, 36.5248, 33.2305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6114, 36.8649, 23.9776 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(182, 161, 123)` looks like.

```
.text, #text, p{  
    color:rgb(182, 161, 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(182, 161, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 161, 123) }
```

Border

The CSS property to change the border of an element to XYZ 35.6114, 36.8649, 23.9776 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(182, 161, 123) }
```


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

```
.border{ border-color:rgb(182, 161, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 161, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 161, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 161, 123);  
box-shadow:4px 4px 4px 4px rgb(182, 161,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6114, 36.8649, 23.9776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 161, 123) }
```

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

```
.background{ background-color: rgb(182,  
161, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor