

Converting Colors

XYZ(34.6123, 34.7302, 23.9008)

Have a look what the booklet for
XYZ(34.6123, 34.7302, 23.9008)
contains.

XYZ(34.6508, 34.8430, 23.9679)	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(34.6508, 34.8430,
23.9679)**

Conversions

Conversions Part 1

Format	Color
Hex	B69B7C
RGB	182, 155, 124
RGB Percent	71%, 61%, 49%
CMY	0.2863, 0.3921, 0.5137
CMYK	0.00, 0.15, 0.32, 0.29
HSL	32°, 28%, 60%
HSV	32°, 32%, 71%
XYZ	34.6508, 34.8430, 23.9679
YIQ	159.5390, 26.0430, -3.9170

Conversions

Conversions Part 2

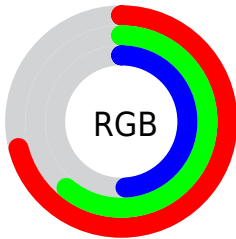
Format	Color
RYB	175, 182, 124
Decimal	11967356
CIELab	65.63, 5.35, 19.98
CIELCh	66, 20.680, 75.009
Yxy	34.8430, 0.3707, 0.3728
Android (android.graphics.Color)	4290157436 (0xFFB69B7C)
YUV	159.5390, -17.5207, 19.6983
Hunter-Lab	59.0280, 1.4848, 17.2453

Details

The XYZ color **34.6508, 34.8430, 23.9679** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.8220, 29.7947, 48.5405**, and the grayscale version is **33.2718, 35.0046, 38.1200**.

A 20% lighter version of the original color is **66.3329, 67.1260, 51.0555**, and **15.1224, 14.9978, 8.7544** is the 20% darker color. If you saturate the color by 10%, you get **32.2439, 31.7042, 18.0017**, and if you desaturate by 10%, it is **37.3709, 38.2678, 31.0873**.

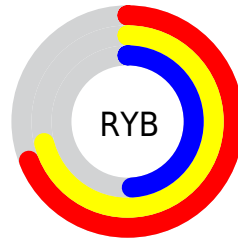
Distribution



Red (71%)

Green (61%)

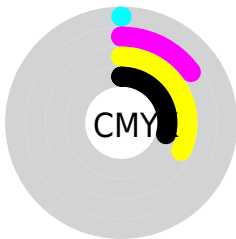
Blue (49%)



Red (69%)

Yellow (71%)

Blue (49%)

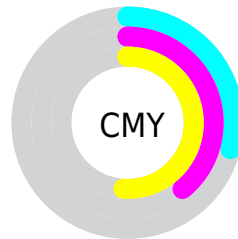


Cyan (0%)

Magenta (15%)

Yellow (32%)

Black (29%)



Cyan (29%)


Magenta (39%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6508, 34.8430, 23.9679 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 34.6508, 34.8430, 23.9679 by changing the saturation by 10% instead.


 34.6508, 34.8430,
23.9679


 34.6508, 34.8430,
23.9679


314.5594,
323.8748, 285.9395


 23.5593, 23.5420,
15.0978


 66.2820, 67.2425,
50.9210

 15.1300, 14.9942,
8.7407


 87.5525, 89.1097,
69.8411

 8.9976, 8.8153,
4.4779


 112.9465,
115.2678, 92.9483

 4.7967, 4.6209,
1.8910

142.8296,
146.1011, 120.6611

 2.1620, 2.0266,
0.4870

177.5671,
181.9941, 153.3981

 0.7226, 0.6229,
0.0000

217.5243,

 0.0000, 0.0000,

223.3311, 191.5778

0.0000

263.0666,
270.4965, 235.6187

■ 34.6508, 34.8430,
23.9679

■ 34.6508, 34.8430,
23.9679

■ 32.2439, 31.7042,
18.0017

■ 37.3709, 38.2678,
31.0873

■ 30.1338, 28.8380,
13.1243

■ 40.4142, 41.9821,
39.4154

■ 28.3064, 26.2365,
9.2680


■ 43.7936, 45.9952,
49.0066


■ 26.7454, 23.8898,
6.3569


■ 47.5205, 50.3148,
59.9112

■ 25.4320, 21.7870,
4.3039


■ 51.6055, 54.9478,
72.1770

 24.3444, 19.9155,
3.0055

 56.0589, 59.9013,
85.8492

 23.5928, 18.5479,
2.3366

 60.8906, 65.1819,
100.9710

 63.6687, 69.8196,
104.7286

 65.9859, 74.4541,
105.5010

Harmonies

Analogous

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



37.4197, 34.8430, 27.2972



34.6508, 34.8430, 23.9679



31.6279, 34.8430, 23.9689

Triad

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



34.6508, 34.8430, 23.9679



27.7911, 34.8430, 42.4360



37.4211, 34.8430, 51.0327

Complementary

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



34.6508, 34.8430, 23.9679



27.8220, 29.7947, 48.5405

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.



34.6526, 34.8430, 56.4925



34.6508, 34.8430, 23.9679



29.1579, 34.8430, 51.0372

Square

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



34.6508, 34.8430, 23.9679



27.7907, 34.8430, 33.7745



31.6296, 34.8430, 56.4943



39.0843, 34.8430, 42.4305

Rectangle

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



34.6508, 34.8430, 23.9679



29.8788, 34.8430, 25.8226



31.6296, 34.8430, 56.4943



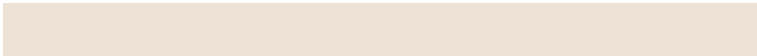
36.5816, 34.8430, 53.3507

Sweetspot

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



34.6517, 34.8446, 23.9686



74.2675, 77.3102, 74.2487



32.0906, 26.5973, 32.7493



16.2214, 16.8570, 15.8898



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.



34.6517, 34.8446, 23.9686



59.8054, 59.2603, 35.9036



39.2040, 44.6224, 25.6160



9.3914, 9.7858, 9.5008



16.7281, 13.2326, 1.6725



0.6510, 0.5891, 0.0794

Inverse Universe

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



27.8220, 29.7947, 48.5405



45.5393, 48.7149, 87.2384



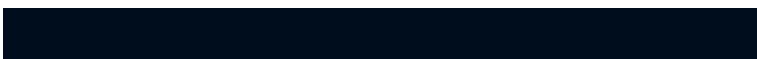
24.2459, 22.2237, 47.2676



8.8564, 9.3900, 11.4251



8.3060, 7.0717, 32.1803



0.3548, 0.3734, 1.1551

Previews

White Background



This preview shows how the XYZ color 34.6508, 34.8430, 23.9679 looks on a white background.

Color Contrast Check

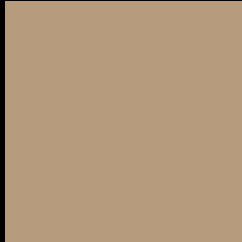
Large Text (above 18pt) WCAG AA × Fail

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 34.6508, 34.8430, 23.9679 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 34.6508, 34.8430, 23.9679

Background



This preview shows how black text looks on a background with the XYZ color 34.6508, 34.8430, 23.9679.



This preview shows how white text looks on a background with the XYZ color 34.6508, 34.8430,

23.9679.

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

34.6508, 34.8430, 23.9679

Protanopia

32.7416, 34.8487, 24.7395

Deuteranopia

35.5228, 34.8025, 23.9141



Tritanopia

37.5891, 34.8250, 38.4590

Trichromacy



Original Color

34.6508, 34.8430, 23.9679

Protanomaly

33.3841, 34.9331, 24.3853

Deuteranomaly

35.2013, 34.8807, 23.9461

Tritanomaly

36.5811, 34.9089, 32.8270

Monochromacy



Original Color

34.6508, 34.8430, 23.9679

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.6418, 34.8851, 32.5642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6508, 34.8430, 23.9679 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, 155, 124)` looks like.

```
.text, #text, p{  
    color:rgb(182, 155, 124)  
}
```

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, 155, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 155, 124) }
```

Border

The CSS property to change the border of an element to XYZ 34.6508, 34.8430, 23.9679 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, 155, 124) }
```


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

```
.border{ border-color:rgb(182, 155, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 155, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 155, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 155, 124);  
box-shadow:4px 4px 4px 4px rgb(182, 155,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6508, 34.8430, 23.9679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 155, 124) }
```

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

```
.background{ background-color: rgb(182,  
155, 124) }
```

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