

Converting Colors

XYZ(34.9939, 35.8147, 23.1793)

Have a look what the booklet for
XYZ(34.9939, 35.8147, 23.1793)
contains.

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Color

**XYZ(34.9695, 35.7793,
23.1522)**

Conversions

Conversions Part 1

Format	Color
Hex	B69E79
RGB	182, 158, 121
RGB Percent	71%, 62%, 47%
CMY	0.2863, 0.3804, 0.5255
CMYK	0.00, 0.13, 0.34, 0.29
HSL	36°, 29%, 59%
HSV	36°, 34%, 71%
XYZ	34.9695, 35.7793, 23.1522
YIQ	160.9580, 26.1810, -6.4190

Conversions

Conversions Part 2

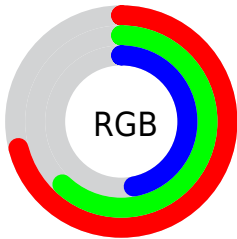
Format	Color
RYB	161, 182, 121
Decimal	11968121
CIELab	66.35, 3.32, 22.61
CIELCh	66, 22.853, 81.654
Yxy	35.7793, 0.3724, 0.3810
Android (android.graphics.Color)	4290158201 (0xFFB69E79)
YUV	160.9580, -19.6993, 18.4538
Hunter-Lab	59.8158, -0.3230, 18.9224

Details

The XYZ color **34.9695, 35.7793, 23.1522** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.4539, 27.6924, 48.2070**, and the grayscale version is **33.9377, 35.7051, 38.8828**.

A 20% lighter version of the original color is **67.0308, 68.9952, 49.8289**, and **15.3295, 15.5725, 8.3287** is the 20% darker color. If you saturate the color by 10%, you get **32.7714, 33.0038, 17.4229**, and if you desaturate by 10%, it is **37.4512, 38.7846, 30.0157**.

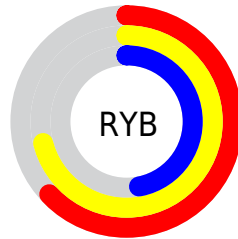
Distribution



Red (71%)

Green (62%)

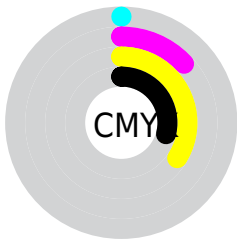
Blue (47%)



Red (63%)

Yellow (71%)

Blue (47%)

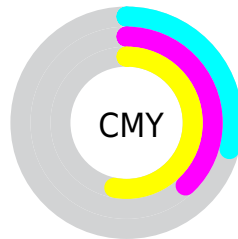


Cyan (0%)

Magenta (13%)

Yellow (34%)

Black (29%)



Cyan (29%)


Magenta (38%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9695, 35.7793, 23.1522 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 34.9695, 35.7793, 23.1522 by changing the saturation by 10% instead.


 34.9695, 35.7793,
23.1522


 34.9695, 35.7793,
23.1522


315.9441,
327.9949, 281.6530


 23.8058, 24.2638,
14.4996


 66.7728, 68.6913,
49.5695

 15.3136, 15.5294,
8.3262


 88.1432, 90.8566,
68.1712

 9.1275, 9.1918,
4.2136


 113.6465,
117.3405, 90.9264

 4.8822, 4.8665,
1.7433

143.6480,
148.5276, 118.2536

 2.2124, 2.1691,
0.3901

178.5132,
184.8022, 150.5713

 0.7492, 0.7031,
0.0000

218.6073,

 0.0000, 0.0000,

226.5487, 188.2980

0.0000

264.2959,
274.1514, 231.8524

■ 34.9695, 35.7793,
23.1522

■ 34.9695, 35.7793,
23.1522

■ 32.7714, 33.0038,
17.4229

■ 37.4512, 38.7846,
30.0157

■ 30.8411, 30.4461,
12.7627

■ 40.2258, 42.0216,
38.0692

■ 29.1652, 28.1001,
9.1032

■ 43.3057, 45.4982,
47.3675

■ 27.7278, 25.9575,
6.3670

■ 46.7014, 49.2205,
57.9613

■ 26.5108, 24.0089,
4.4653

■ 50.4231, 53.1942,
69.8984

■ 25.4928, 22.2435,
3.2913

■ 54.4805, 57.4251,
83.2242

■ 24.9112, 21.1846,
2.7761

■ 58.8826, 61.9183,
97.9821

■ 61.7134, 65.9091,
104.0768

■ 63.5798, 69.6418,
104.6989

Harmonies

Analogous

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



38.2472, 35.7793, 25.9883



34.9695, 35.7793, 23.1522



31.6406, 35.7793, 23.9589

Triad

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



34.9695, 35.7793, 23.1522



28.2604, 35.7793, 46.3193



39.4230, 35.7793, 51.8325

Complementary

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



34.9695, 35.7793, 23.1522



26.4539, 27.6924, 48.2070

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.



36.4889, 35.7793, 59.1872



34.9695, 35.7793, 23.1522



30.0927, 35.7793, 55.6515

Square

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



34.9695, 35.7793, 23.1522



27.9136, 35.7793, 36.2904



33.0626, 35.7793, 60.6909



40.9287, 35.7793, 41.7524

Rectangle

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



34.9695, 35.7793, 23.1522



29.8258, 35.7793, 26.5249



33.0626, 35.7793, 60.6909



38.5621, 35.7793, 54.7709

Sweetspot

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



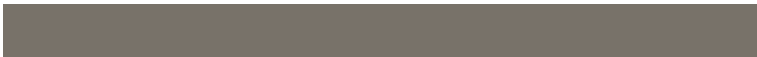
34.9704, 35.7809, 23.1529



74.7349, 78.2450, 74.4045



31.2709, 25.6770, 30.2585



16.3379, 17.0900, 15.9287



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.



34.9704, 35.7809, 23.1529



60.4953, 61.2238, 34.3344



38.0613, 44.0550, 24.5871



9.4456, 9.8942, 9.5188



17.6582, 15.0927, 1.9825



0.6810, 0.6490, 0.0894

Inverse Universe

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



26.4539, 27.6924, 48.2070



42.7550, 44.3833, 86.5491



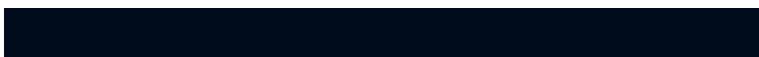
24.0486, 21.5724, 47.1525



8.8032, 9.2835, 11.4074



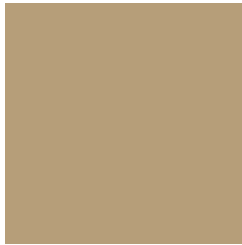
7.6416, 5.7429, 31.9588



0.3303, 0.3242, 1.1469

Previews

White Background



This preview shows how the XYZ color 34.9695, 35.7793, 23.1522 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 34.9695, 35.7793, 23.1522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

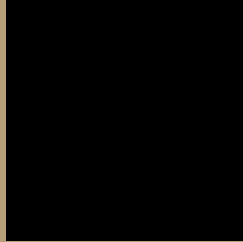
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.9695, 35.7793, 23.1522

Background



This preview shows how black text looks on a background with the XYZ color 34.9695, 35.7793, 23.1522.



This preview shows how white text looks on a background with the XYZ color 34.9695, 35.7793,

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

34.9695, 35.7793, 23.1522

Protanopia

33.4913, 35.7791, 23.5532

Deuteranopia

36.4694, 35.7950, 23.3993



Tritanopia

38.4226, 35.7016, 39.9880

Trichromacy



Original Color

34.9695, 35.7793, 23.1522

Protanomaly

33.9882, 35.7769, 23.5266

Deuteranomaly

35.8948, 35.7469, 23.4203

Tritanomaly

36.9085, 35.5636, 32.9361

Monochromacy



Original Color

34.9695, 35.7793, 23.1522

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.1213, 35.6520, 32.2773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9695, 35.7793, 23.1522 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, 158, 121)` looks like.

```
.text, #text, p{  
    color:rgb(182, 158, 121)  
}
```

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, 158, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 158, 121) }
```

Border

The CSS property to change the border of an element to XYZ 34.9695, 35.7793, 23.1522 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, 158, 121) }
```


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

```
.border{ border-color:rgb(182, 158, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 158, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 158, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 158, 121);  
box-shadow:4px 4px 4px 4px rgb(182, 158,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9695, 35.7793, 23.1522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 158, 121) }
```

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

```
.background{ background-color: rgb(182,  
158, 121) }
```

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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