

Converting Colors

XYZ(37.9781, 35.1234, 34.0560)

Have a look what the booklet for
XYZ(37.9781, 35.1234, 34.0560)
contains.

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Color

**XYZ(37.9781, 35.1234,
34.0560)**

Conversions

Conversions Part 1

Format	Color
Hex	BF9697
RGB	191, 150, 151
RGB Percent	75%, 59%, 59%
CMY	0.2510, 0.4117, 0.4078
CMYK	0.00, 0.21, 0.21, 0.25
HSL	359°, 24%, 67%
HSV	359°, 21%, 75%
XYZ	37.9781, 35.1234, 34.0560
YIQ	162.3730, 24.1150, 9.0030

Conversions

Conversions Part 2

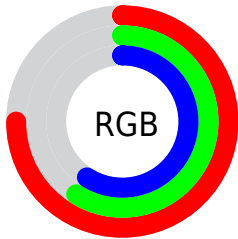
Format	Color
RYB	191, 150, 151
Decimal	12555927
CIELab	65.84, 15.49, 5.35
CIELCh	66, 16.391, 19.053
Yxy	35.1234, 0.3544, 0.3278
Android (android.graphics.Color)	4290746007 (0xFFBF9697)
YUV	162.3730, -5.6069, 25.1059
Hunter-Lab	59.2650, 10.6723, 7.4151

Details

The XYZ color **37.9781, 35.1234, 34.0560** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.5041, 47.4641, 55.7442**, and the grayscale version is **34.5359, 36.3345, 39.5682**.

A 20% lighter version of the original color is **71.3237, 67.5500, 67.0369**, and **17.0786, 15.1621, 14.0830** is the 20% darker color. If you saturate the color by 10%, you get **33.7794, 28.9594, 25.7705**, and if you desaturate by 10%, it is **42.9148, 42.3799, 43.7687**.

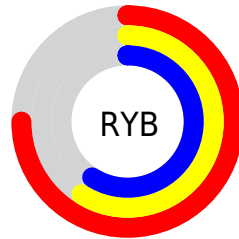
Distribution



Red (75%)

Green (59%)

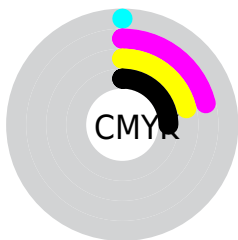
Blue (59%)



Red (75%)

Yellow (59%)

Blue (59%)

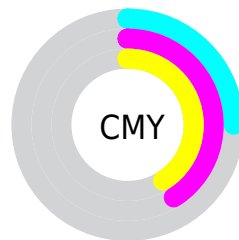


Cyan (0%)

Magenta (21%)

Yellow (21%)

Black (25%)



Cyan (25%)


Magenta (41%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9781, 35.1234, 34.0560 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 37.9781, 35.1234, 34.0560 by changing the saturation by 10% instead.


 37.9781, 35.1234,
34.0560

 37.9781, 35.1234,
34.0560


328.8085,
325.1127, 335.1585

 26.1428, 23.7579,
22.6589


 71.3787, 67.6769,
67.1556

 17.0638, 15.1542,
14.1389


 93.6747, 89.6337,
89.6953

 10.3755, 8.9277,
8.0775


120.1884,
115.8898, 116.7862

 5.7128, 4.6940,
4.0561

151.2850,
146.8295, 148.8469

 2.7103, 2.0689,
1.6562

187.3300,
182.8373, 186.2959

 1.0025, 0.6470,
0.3304

228.6886,

 0.0000, 0.0000,

224.2974, 229.5518

0.0000

275.7264,
271.5944, 279.0331

■ 37.9781, 35.1234,
34.0560

■ 37.9781, 35.1234,
34.0560

■ 33.7794, 28.9594,
25.7705

■ 42.9148, 42.3799,
43.7687

■ 30.2805, 23.8304,
18.8428

■ 48.6195, 50.7730,
54.9689

■ 27.4443, 19.6813,
13.2012

■ 55.1240, 60.3504,
67.7163

■ 25.2289, 16.4495,
8.7666

■ 62.4575, 71.1556,
82.0666

■ 23.5879, 14.0656,
5.4510

■ 70.6478, 83.2298,
98.0728

■ 22.4683, 12.4501,
3.1546

■ 75.2960, 89.8164,
107.9755

■ 21.8070, 11.5086,
1.7598

■ 21.5114, 11.0866,
1.1395

Harmonies

Analogous

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



38.1639, 35.1234, 40.8305



37.9781, 35.1234, 34.0560



36.5271, 35.1234, 29.0349

Triad

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



37.9781, 35.1234, 34.0560



29.9910, 35.1234, 30.1576



32.5078, 35.1234, 52.8764

Complementary

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



37.9781, 35.1234, 34.0560



40.5041, 47.4641, 55.7442

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.



30.4261, 35.1234, 49.2181



37.9781, 35.1234, 34.0560



29.0204, 35.1234, 35.7680

Square

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



37.9781, 35.1234, 34.0560



31.8877, 35.1234, 26.9792



29.1757, 35.1234, 42.7607



34.9259, 35.1234, 52.2737

Rectangle

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



37.9781, 35.1234, 34.0560



35.0751, 35.1234, 27.0988



29.1757, 35.1234, 42.7607



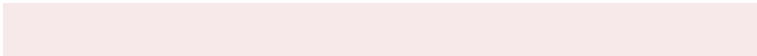
31.7476, 35.1234, 52.0882

Sweetspot

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



37.9791, 35.1250, 34.0567



82.1708, 83.7138, 88.8208



41.4550, 36.4759, 54.1461



17.8957, 18.1646, 19.2131



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



37.9791, 35.1250, 34.0567



64.1379, 57.2069, 53.3407



41.2046, 41.7052, 34.7343



9.5393, 9.5400, 9.9631



14.1413, 7.2877, 0.7717



0.5572, 0.2868, 0.0473

Inverse Universe

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



37.9791, 35.1250, 34.0567



64.1379, 57.2069, 53.3407



36.7102, 39.7013, 55.0187



9.5393, 9.5400, 9.9631



14.1413, 7.2877, 0.7717



0.5572, 0.2868, 0.0473

Previews

White Background



This preview shows how the XYZ color 37.9781, 35.1234, 34.0560 looks on a white background.

Color Contrast Check

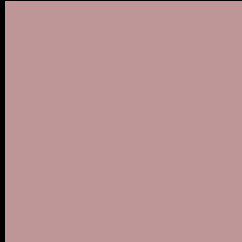
Large Text (above 18pt) WCAG AA × Fail

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 37.9781, 35.1234, 34.0560 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 37.9781, 35.1234, 34.0560

Background



This preview shows how black text looks on a background with the XYZ color 37.9781, 35.1234, 34.0560.



This preview shows how white text looks on a background with the XYZ color 37.9781, 35.1234,

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

37.9781, 35.1234, 34.0560

Protanopia

33.8814, 35.4344, 36.5063

Deuteranopia

35.8168, 35.2284, 33.7662



Tritanopia

38.8308, 35.2394, 38.0130

Trichromacy



Original Color

37.9781, 35.1234, 34.0560

Protanomaly

35.1768, 35.1087, 35.4945

Deuteranomaly

36.4247, 35.0518, 33.7000

Tritanomaly

38.5715, 35.1357, 36.6472

Monochromacy



Original Color

37.9781, 35.1234, 34.0560

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.6320, 35.8066, 37.3811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9781, 35.1234, 34.0560 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(191, 150, 151)` looks like.

```
.text, #text, p{  
    color:rgb(191, 150, 151)  
}
```

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(191, 150, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 150, 151) }
```

Border

The CSS property to change the border of an element to XYZ 37.9781, 35.1234, 34.0560 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(191, 150, 151) }
```


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

```
.border{ border-color:rgb(191, 150, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 150, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 150, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 150, 151); box-shadow:4px 4px 4px 4px rgb(191, 150, 151) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9781, 35.1234, 34.0560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 150, 151) }
```

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

```
.background{ background-color: rgb(191,  
150, 151) }
```

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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