

Converting Colors

XYZ(37.6950, 35.2212, 34.5455)

Have a look what the booklet for
XYZ(37.6950, 35.2212, 34.5455)
contains.

XYZ(37.7204, 35.2190, 34.5156)	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(37.7204, 35.2190,
34.5156)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9798
RGB	189, 151, 152
RGB Percent	74%, 59%, 60%
CMY	0.2588, 0.4078, 0.4039
CMYK	0.00, 0.20, 0.20, 0.26
HSL	358°, 22%, 67%
HSV	358°, 20%, 74%
XYZ	37.7204, 35.2190, 34.5156
YIQ	162.4760, 22.3270, 8.3670

Conversions

Conversions Part 2

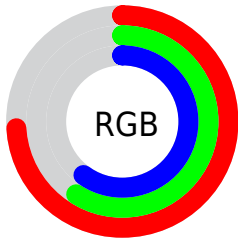
Format	Color
R_{YB}	189, 151, 152
Decimal	12425112
CIE _{Lab}	65.92, 14.34, 4.87
CIE _{LCh}	66, 15.143, 18.762
Yxy	35.2190, 0.3510, 0.3278
Android (android.graphics.Color)	4290615192 (0xFFBD9798)
YUV	162.4760, -5.1647, 23.2615
Hunter-Lab	59.3456, 9.6008, 7.0587

Details

The XYZ color **37.7204, 35.2190, 34.5156** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.0386, 46.6063, 54.4650**, and the grayscale version is **34.5829, 36.3839, 39.6221**.

A 20% lighter version of the original color is **70.9779, 67.7117, 67.7212**, and **16.8978, 15.2048, 14.3561** is the 20% darker color. If you saturate the color by 10%, you get **33.5269, 29.0598, 26.2491**, and if you desaturate by 10%, it is **42.6374, 42.4502, 44.1781**.

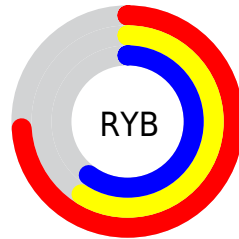
Distribution



Red (74%)

Green (59%)

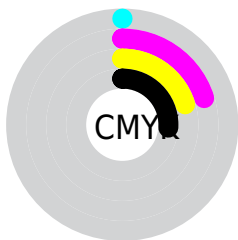
Blue (60%)



Red (74%)

Yellow (59%)

Blue (60%)

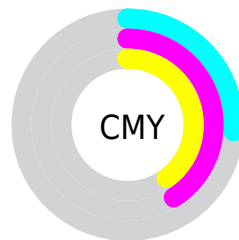


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (26%)



Cyan (26%)


Magenta (41%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.7204, 35.2190, 34.5156 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 37.7204, 35.2190, 34.5156 by changing the saturation by 10% instead.


 37.7204, 35.2190,
34.5156


 37.7204, 35.2190,
34.5156


327.7207,
325.5339, 337.2641

 25.9420, 23.8316,
23.0094


 70.9860, 67.8249,
67.8777

 16.9127, 15.2088,
14.3951


 93.2040, 89.8122,
90.5707

 10.2672, 8.9660,
8.2541


119.6325,
116.1016, 117.8297

 5.6401, 4.7190,
4.1679

150.6369,
147.0775, 150.0733

 2.6661, 2.0834,
1.7179

186.5825,
183.1243, 187.7200

 0.9797, 0.6552,
0.3729

227.8348,

 0.0000, 0.0000,

224.6264, 231.1883

0.0000

274.7591,
271.9681, 280.8968

■ 37.7204, 35.2190,
34.5156

■ 37.7204, 35.2190,
34.5156

■ 33.5269, 29.0598,
26.2491

■ 42.6374, 42.4502,
44.1781

■ 30.0200, 23.9170,
19.3120

■ 48.3067, 50.7960,
55.2945

■ 27.1641, 19.7377,
13.6355

■ 54.7591, 60.3023,
67.9222

■ 24.9190, 16.4616,
9.1441

■ 62.0227, 71.0112,
82.1149

■ 23.2402, 14.0224,
5.7538

■ 70.1244, 82.9627,
97.9236

■ 22.0773, 12.3441,
3.3698

■ 74.7965, 89.5589,
107.9522

■ 21.3707, 11.3373,
1.8815

■ 21.0136, 10.8298,
1.1252

Harmonies

Analogous

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



37.8790, 35.2190, 40.8019



37.7204, 35.2190, 34.5156



36.3946, 35.2190, 29.8001

Triad

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



37.7204, 35.2190, 34.5156



30.3393, 35.2190, 30.7779



32.6422, 35.2190, 51.7622

Complementary

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



37.7204, 35.2190, 34.5156



40.0386, 46.6063, 54.4650

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.



30.7151, 35.2190, 48.3905



37.7204, 35.2190, 34.5156



29.4256, 35.2190, 35.9935

Square

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



37.7204, 35.2190, 34.5156



32.1084, 35.2190, 27.8140



29.5600, 35.2190, 42.4530



34.8790, 35.2190, 51.2522

Rectangle

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



37.7204, 35.2190, 34.5156



35.0591, 35.2190, 27.9615



29.5600, 35.2190, 42.4530



31.9386, 35.2190, 51.0313

Sweetspot

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



37.7214, 35.2206, 34.5163



80.2673, 81.7737, 86.7829



40.9263, 36.4665, 53.0262



17.1217, 17.3798, 18.3887



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



37.7214, 35.2206, 34.5163



64.1883, 58.1277, 55.1816



40.7117, 41.3313, 35.1121



9.5400, 9.5403, 9.9669



14.1429, 7.2883, 0.7804



0.5575, 0.2869, 0.0490

Inverse Universe

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



37.7214, 35.2206, 34.5163



64.1883, 58.1277, 55.1816



36.5625, 39.4815, 53.8382



9.5400, 9.5403, 9.9669



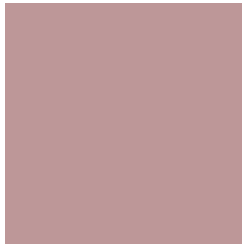
14.1429, 7.2883, 0.7804



0.5575, 0.2869, 0.0490

Previews

White Background



This preview shows how the XYZ color 37.7204, 35.2190, 34.5156 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 37.7204, 35.2190, 34.5156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

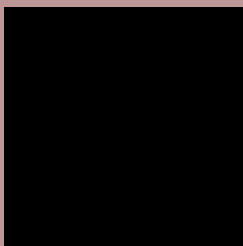
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.7204, 35.2190, 34.5156

Background



This preview shows how black text looks on a background with the XYZ color 37.7204, 35.2190, 34.5156.



This preview shows how white text looks on a background with the XYZ color 37.7204, 35.2190,

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

37.7204, 35.2190, 34.5156

Protanopia

33.9665, 35.4684, 36.9542

Deuteranopia

35.8977, 35.2608, 34.1922



Tritanopia

38.5746, 35.3331, 38.5051

Trichromacy



Original Color

37.7204, 35.2190, 34.5156

Protanomaly

35.2069, 35.3647, 35.9808

Deuteranomaly

36.6700, 35.4128, 34.1808

Tritanomaly

38.3131, 35.2285, 37.1282

Monochromacy



Original Color

37.7204, 35.2190, 34.5156

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.4117, 35.6930, 37.3708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7204, 35.2190, 34.5156 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(189, 151, 152)` looks like.

```
.text, #text, p{  
    color:rgb(189, 151, 152)  
}
```

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(189, 151, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 151, 152) }
```

Border

The CSS property to change the border of an element to XYZ 37.7204, 35.2190, 34.5156 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(189, 151, 152) }
```


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

```
.border{ border-color:rgb(189, 151, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 151, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 151, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 151, 152);  
box-shadow:4px 4px 4px 4px rgb(189, 151,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7204, 35.2190, 34.5156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 151, 152) }
```

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

```
.background{ background-color: rgb(189,  
151, 152) }
```

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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