

Converting Colors

XYZ(35.1936, 34.7643, 28.9237)

Have a look what the booklet for
XYZ(35.1936, 34.7643, 28.9237)
contains.

XYZ(35.1991, 34.7699, 28.9008)	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(35.1991, 34.7699,
28.9008)**

Conversions

Conversions Part 1

Format	Color
Hex	B59A8A
RGB	181, 154, 138
RGB Percent	71%, 60%, 54%
CMY	0.2902, 0.3961, 0.4588
CMYK	0.00, 0.15, 0.24, 0.29
HSL	22°, 23%, 63%
HSV	22°, 24%, 71%
XYZ	35.1991, 34.7699, 28.9008
YIQ	160.2490, 21.2280, 0.7480

Conversions

Conversions Part 2

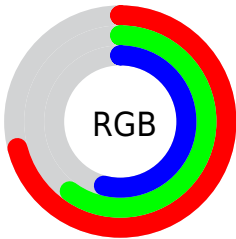
Format	Color
R_{YB}	181, 163, 138
Decimal	11901578
CIE _{Lab}	65.57, 7.47, 12.10
CIE _{LCh}	66, 14.223, 58.320
Yxy	34.7699, 0.3560, 0.3517
Android (android.graphics.Color)	4290091658 (0xFFB59A8A)
YUV	160.2490, -10.9688, 18.1986
Hunter-Lab	58.9660, 3.3631, 12.2166

Details

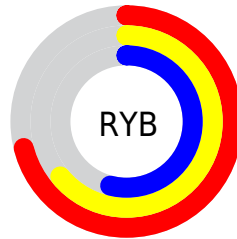
The XYZ color **35.1991, 34.7699, 28.9008** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.2766, 35.6489, 48.8961**, and the grayscale version is **33.5714, 35.3197, 38.4632**.

A 20% lighter version of the original color is **66.8849, 66.8779, 58.6737**, and **15.5138, 14.9943, 11.3090** is the 20% darker color. If you saturate the color by 10%, you get **32.2089, 30.7147, 21.9688**, and if you desaturate by 10%, it is **38.5871, 39.2708, 37.0437**.

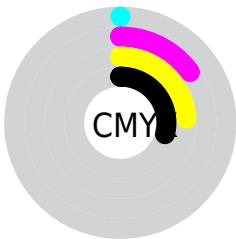
Distribution



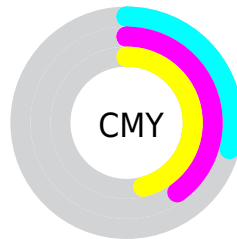
- Red (71%)
- Green (60%)
- Blue (54%)



- Red (71%)
- Yellow (64%)
- Blue (54%)



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (29%)





- Cyan (29%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1991, 34.7699, 28.9008 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 35.1991, 34.7699, 28.9008 by changing the saturation by 10% instead.


 35.1991, 34.7699,
28.9008


 35.1991, 34.7699,
28.9008


316.9389,
323.5515, 310.7929


 23.9835, 23.4857,
18.7609


 67.1261, 67.1292,
58.9597

 15.4461, 14.9525,
11.3225


 88.5682, 88.9730,
79.7158

 9.2214, 8.7861,
6.1673


 114.1499,
115.1055, 104.8477

 4.9441, 4.6019,
2.8767

144.2364,
145.9110, 134.7739

 2.2489, 2.0156,
1.0320

179.1933,
181.7740, 169.9130

 0.7683, 0.6165,
0.0000

219.3857,

 0.0000, 0.0000,

223.0788, 210.6835

0.0000

265.1792,
270.2098, 257.5039

■ 35.1991, 34.7699,
28.9008

■ 35.1991, 34.7699,
28.9008

■ 32.2089, 30.7147,
21.9688

■ 38.5871, 39.2708,
37.0437

■ 29.5981, 27.0863,
16.1869

■ 42.3850, 44.2261,
46.4499

■ 27.3508, 23.8713,
11.4923

■ 46.6076, 49.6502,
57.1713

■ 25.4485, 21.0539,
7.8153

■ 51.2683, 55.5554,
69.2564

■ 23.8713, 18.6169,
5.0779

■ 56.3797, 61.9537,
82.7510

■ 22.5966, 16.5418,
3.1905

■ 61.9540, 68.8563,
97.6988

■ 21.5978, 14.8077,
2.0457

■ 66.4011, 75.6336,
105.7068

■ 21.0850, 13.8815,
1.5681

■ 69.7325, 82.2965,
106.8173

■ 72.8662, 88.5638,
107.8618

Harmonies

Analogous

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



36.7056, 34.7699, 32.6666



35.1991, 34.7699, 28.9008



33.1654, 34.7699, 27.4987

Triad

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



35.1991, 34.7699, 28.9008



29.1987, 34.7699, 37.5228



34.9872, 34.7699, 48.8969

Complementary

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



35.1991, 34.7699, 28.9008



32.2766, 35.6489, 48.8961

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.



32.9303, 34.7699, 50.5397



35.1991, 34.7699, 28.9008



29.6413, 34.7699, 43.5733

Square

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



35.1991, 34.7699, 28.9008



29.7508, 34.7699, 32.1410



30.9859, 34.7699, 48.4988



36.5797, 34.7699, 44.2168

Rectangle

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



35.1991, 34.7699, 28.9008



31.8030, 34.7699, 27.9678



30.9859, 34.7699, 48.4988



34.3245, 34.7699, 49.8430

Sweetspot

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



35.2000, 34.7715, 28.9015



73.5408, 76.1327, 77.2709



34.9577, 30.7263, 39.7974



15.8079, 16.3419, 16.4851



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.2000, 34.7715, 28.9015



59.8887, 58.0176, 44.3913



39.0257, 42.4229, 30.1768



8.7468, 9.0062, 8.9299



14.5972, 9.6929, 1.1016



0.5164, 0.4191, 0.0537

Inverse Universe

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



32.2766, 35.6489, 48.8961



53.6516, 59.8816, 87.0252



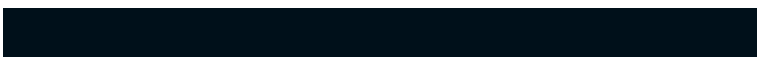
28.7550, 28.6057, 47.7222



8.4715, 9.0893, 10.8142



9.9379, 10.6761, 31.6739



0.3663, 0.4432, 1.0145

Previews

White Background



This preview shows how the XYZ color 35.1991, 34.7699, 28.9008 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 35.1991, 34.7699, 28.9008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

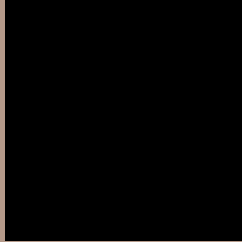
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1991, 34.7699, 28.9008

Background



This preview shows how black text looks on a background with the XYZ color 35.1991, 34.7699, 28.9008.



This preview shows how white text looks on a background with the XYZ color 35.1991, 34.7699,

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

35.1991, 34.7699, 28.9008

Protanopia

33.0681, 34.9052, 29.8054

Deuteranopia

35.2701, 34.5625, 28.8571



Tritanopia

37.1951, 34.6117, 38.9027

Trichromacy



Original Color

35.1991, 34.7699, 28.9008

Protanomaly

33.7304, 34.7487, 29.3555

Deuteranomaly

35.2701, 34.5625, 28.8571

Tritanomaly

36.3448, 34.5004, 34.8807

Monochromacy



Original Color

35.1991, 34.7699, 28.9008

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.0428, 35.0455, 34.6760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1991, 34.7699, 28.9008 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(181, 154, 138)` looks like.

```
.text, #text, p{  
    color:rgb(181, 154, 138)  
}
```

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(181, 154, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 154, 138) }
```

Border

The CSS property to change the border of an element to XYZ 35.1991, 34.7699, 28.9008 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(181, 154, 138) }
```


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

```
.border{ border-color:rgb(181, 154, 138) }
```

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

Here you see how a box with a 4 pixel rgb(181, 154, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 154, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 154, 138);  
box-shadow:4px 4px 4px 4px rgb(181, 154,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1991, 34.7699, 28.9008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 154, 138) }
```

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

```
.background{ background-color: rgb(181,  
154, 138) }
```

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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