

Converting Colors

XYZ(35.8178, 35.2744, 32.8548)

Have a look what the booklet for
XYZ(35.8178, 35.2744, 32.8548)
contains.

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Color

**XYZ(35.8890, 35.2841,
32.9359)**

Conversions

Conversions Part 1

Format	Color
Hex	B49B94
RGB	180, 155, 148
RGB Percent	71%, 61%, 58%
CMY	0.2941, 0.3921, 0.4196
CMYK	0.00, 0.14, 0.18, 0.29
HSL	13°, 18%, 64%
HSV	13°, 18%, 71%
XYZ	35.8890, 35.2841, 32.9359
YIQ	161.6770, 17.1470, 3.1230

Conversions

Conversions Part 2

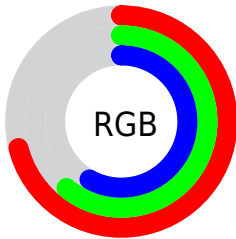
Format	Color
R_{YB}	180, 157, 148
Decimal	11836308
CIE Lab	65.97, 8.08, 7.07
CIE LCh	66, 10.733, 41.204
Yxy	35.2841, 0.3447, 0.3389
Android (android.graphics.Color)	4290026388 (0xFFB49B94)
YUV	161.6770, -6.7428, 16.0693
Hunter-Lab	59.4004, 3.8968, 8.7056

Details

The XYZ color **35.8890, 35.2841, 32.9359** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.3942, 39.4773, 48.9346**, and the grayscale version is **34.2173, 35.9992, 39.2032**.

A 20% lighter version of the original color is **68.0532, 67.6981, 65.3574**, and **15.8604, 15.2757, 13.4218** is the 20% darker color. If you saturate the color by 10%, you get **32.3684, 30.3483, 25.2713**, and if you desaturate by 10%, it is **39.9056, 40.8567, 41.8598**.

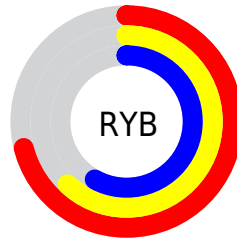
Distribution



Red (71%)

Green (61%)

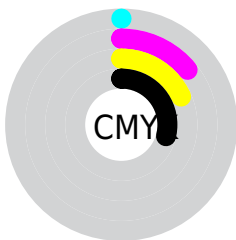
Blue (58%)



Red (71%)

Yellow (62%)

Blue (58%)

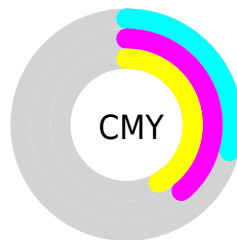


Cyan (0%)

Magenta (14%)

Yellow (18%)

Black (29%)



Cyan (29%)


Magenta (39%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8890, 35.2841, 32.9359 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 35.8890, 35.2841, 32.9359 by changing the saturation by 10% instead.


 35.8890, 35.2841,
32.9359


 35.8890, 35.2841,
32.9359


319.9148,
325.8206, 329.9839

 24.5182, 23.8818,
21.8066


 68.1857, 67.9257,
65.3903

 15.8453, 15.2460,
13.5179

 89.8423, 89.9337,
87.5525

 9.5049, 8.9922,
7.6512


115.6582,
116.2458, 114.2294

 5.1317, 4.7361,
3.7881

145.9988,
147.2463, 145.8396

 2.3603, 2.0933,
1.5098

181.2294,
183.3196, 182.8017

 0.8252, 0.6608,
0.2252

221.7153,

 0.0000, 0.0000,

224.8502, 225.5340

0.0000

267.8220,
272.2224, 274.4553

■ 35.8890, 35.2841,
32.9359

■ 35.8890, 35.2841,
32.9359

■ 32.3684, 30.3483,
25.2713

■ 39.9056, 40.8567,
41.8598

■ 29.3215, 26.0219,
18.8068

■ 44.4337, 47.0829,
52.0940

■ 26.7283, 22.2823,
13.4821

■ 49.4918, 53.9847,
63.6895

■ 24.5664, 19.1039,
9.2303

■ 55.0965, 61.5819,
76.6936

■ 22.8113, 16.4590,
5.9777

■ 61.2636, 69.8931,
91.1517

■ 21.4360, 14.3175,
3.6413

■ 67.8468, 78.8719,
106.2556

■ 20.4098, 12.6462,
2.1244

■ 72.1331, 87.4446,
107.6844

■ 19.6909, 11.4052,
1.2785

■ 72.6325, 88.4433,
107.8509

■ 19.5610, 11.1805,
1.1271

Harmonies

Analogous

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



36.6249, 35.2841, 36.7426



35.8890, 35.2841, 32.9359



34.5309, 35.2841, 30.7134

Triad

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



35.8890, 35.2841, 32.9359



30.7255, 35.2841, 35.6665



34.1338, 35.2841, 47.6605

Complementary

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



35.8890, 35.2841, 32.9359



35.3942, 39.4773, 48.9346

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.



32.5613, 35.2841, 47.3150



35.8890, 35.2841, 32.9359



30.6268, 35.2841, 40.1444

Square

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



35.8890, 35.2841, 32.9359



31.5631, 35.2841, 32.2018



31.2891, 35.2841, 44.4778



35.5904, 35.2841, 45.3876

Rectangle

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



35.8890, 35.2841, 32.9359



33.4723, 35.2841, 30.3147



31.2891, 35.2841, 44.4778



33.6007, 35.2841, 47.8511

Sweetspot

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



35.8900, 35.2857, 32.9366



74.4744, 77.0020, 80.6578



36.9619, 33.9032, 44.1652



15.9776, 16.4790, 17.1654



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.



35.8900, 35.2857, 32.9366



62.6875, 60.6435, 54.4854



38.7183, 40.9424, 33.8794



8.6422, 8.7969, 8.8950



13.6943, 7.8872, 0.8006



0.4739, 0.3342, 0.0395

Inverse Universe

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



35.3942, 39.4773, 48.9346



61.6326, 69.5443, 88.4696



32.5196, 33.7281, 47.9764



8.5817, 9.3097, 10.8510



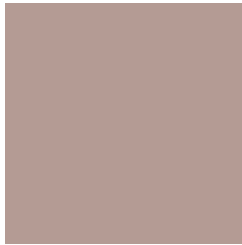
12.4080, 15.6163, 32.4973



0.4296, 0.5698, 1.0356

Previews

White Background



This preview shows how the XYZ color 35.8890, 35.2841, 32.9359 looks on a white background.

Color Contrast Check

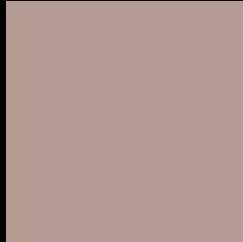
Large Text (above 18pt) WCAG AA × Fail

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 35.8890, 35.2841, 32.9359 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 35.8890, 35.2841, 32.9359

Background



This preview shows how black text looks on a background with the XYZ color 35.8890, 35.2841, 32.9359.



This preview shows how white text looks on a background with the XYZ color 35.8890, 35.2841,

32.9359.

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

35.8890, 35.2841, 32.9359

Protanopia

33.8826, 35.4830, 34.3412

Deuteranopia

36.1227, 35.4046, 32.9469



Tritanopia

37.3835, 35.4079, 39.9860

Trichromacy



Original Color

35.8890, 35.2841, 32.9359

Protanomaly

34.5265, 35.3137, 33.8506

Deuteranomaly

36.1227, 35.4046, 32.9469

Tritanomaly

36.7832, 35.4036, 37.2426

Monochromacy



Original Color

35.8890, 35.2841, 32.9359

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.8461, 35.6656, 36.9459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8890, 35.2841, 32.9359 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(180, 155, 148)` looks like.

```
.text, #text, p{  
    color:rgb(180, 155, 148)  
}
```

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(180, 155, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 155, 148) }
```

Border

The CSS property to change the border of an element to XYZ 35.8890, 35.2841, 32.9359 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(180, 155, 148) }
```


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

```
.border{ border-color:rgb(180, 155, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 155, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 155, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 155, 148);  
box-shadow:4px 4px 4px 4px rgb(180, 155,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8890, 35.2841, 32.9359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 155, 148) }
```

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

```
.background{ background-color: rgb(180,  
155, 148) }
```

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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