

Converting Colors

XYZ(33.2576, 34.8825, 23.7190)

Have a look what the booklet for
XYZ(33.2576, 34.8825, 23.7190)
contains.

XYZ(33.2576, 34.8825, 23.7190)	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(33.2576, 34.8825,
23.7190)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9E7B
RGB	174, 158, 123
RGB Percent	68%, 62%, 48%
CMY	0.3176, 0.3804, 0.5176
CMYK	0.00, 0.09, 0.29, 0.32
HSL	41°, 24%, 58%
HSV	41°, 29%, 68%
XYZ	33.2576, 34.8825, 23.7190
YIQ	158.7940, 20.7710, -7.4930

Conversions

Conversions Part 2

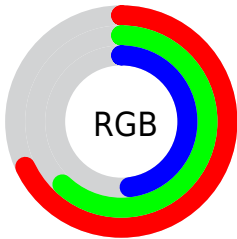
Format	Color
R_{YB}	146, 174, 123
Decimal	11443835
CIE _{Lab}	65.66, 0.36, 20.45
CIE _{LCh}	66, 20.452, 88.982
Yxy	34.8825, 0.3621, 0.3797
Android (android.graphics.Color)	4289633915 (0xFFAE9E7B)
YUV	158.7940, -17.6464, 13.3357
Hunter-Lab	59.0614, -2.8438, 17.5322

Details

The XYZ color **33.2576, 34.8825, 23.7190** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **25.0408, 25.7314, 43.6914**, and the grayscale version is **32.9327, 34.6478, 37.7314**.

A 20% lighter version of the original color is **64.2638, 67.5461, 50.7249**, and **14.3789, 15.0748, 8.6304** is the 20% darker color. If you saturate the color by 10%, you get **31.3537, 32.6655, 18.1798**, and if you desaturate by 10%, it is **35.3983, 37.2628, 30.2931**.

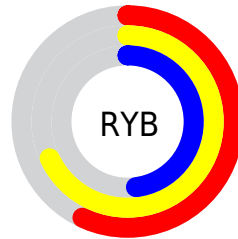
Distribution



Red (68%)

Green (62%)

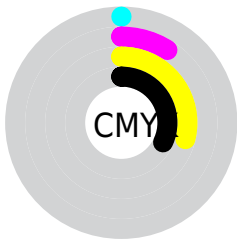
Blue (48%)



Red (57%)

Yellow (68%)

Blue (48%)

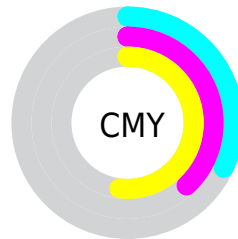


Cyan (0%)

Magenta (9%)

Yellow (29%)

Black (32%)



Cyan (32%)

Magenta (38%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.2576, 34.8825, 23.7190 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 33.2576, 34.8825, 23.7190 by changing the saturation by 10% instead.

■ 33.2576, 34.8825,
23.7190

■ 33.2576, 34.8825,
23.7190

308.4534,
324.0494, 284.6374

■ 22.4840, 23.5724,
14.9150

■ 64.1295, 67.3037,
50.5093

■ 14.3316, 15.0167,
8.6138

■ 84.9585, 89.1836,
69.3328

■ 8.4349, 8.8311,
4.3968

■ 109.8701,
115.3555, 92.3331

■ 4.4286, 4.6312,
1.8455

139.2296,
146.2038, 119.9289

■ 1.9473, 2.0325,
0.4577

173.4023,
182.1130, 152.5387

■ 0.6041, 0.6263,
0.0000

212.7536,

■ 0.0000, 0.0000,

223.4674, 190.5810

0.0000

257.6488,
270.6514, 234.4744

■ 33.2576, 34.8825,
23.7190

■ 33.2576, 34.8825,
23.7190

■ 31.3537, 32.6655,
18.1798

■ 35.3983, 37.2628,
30.2931

■ 29.6731, 30.6020,
13.6191

■ 37.7831, 39.8065,
37.9502

■ 28.2049, 28.6878,
9.9786

■ 40.4223, 42.5197,
46.7379

■ 26.9363, 26.9170,
7.1926

■ 43.3247, 45.4069,
56.7002

■ 25.8525, 25.2828,
5.1867

■ 46.4988, 48.4721,
67.8790

■ 24.9363, 23.7775,
3.8736

■ 49.9524, 51.7193,
80.3140

■ 24.1549, 22.3868,
3.0825

■ 53.6934, 55.1524,
94.0430

■ 24.1032, 22.2939,
3.0328

■ 56.5475, 58.3024,
102.8809

■ 57.8480, 60.9034,
103.3144

Harmonies

Analogous

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



36.2231, 34.8825, 25.4887



33.2576, 34.8825, 23.7190



30.4325, 34.8825, 25.2638

Triad

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



33.2576, 34.8825, 23.7190



28.3516, 34.8825, 46.5788



38.3585, 34.8825, 47.1650

Complementary

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



33.2576, 34.8825, 23.7190



25.0408, 25.7314, 43.6914

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.



36.0347, 34.8825, 54.3783



33.2576, 34.8825, 23.7190



30.2648, 34.8825, 54.0055

Square

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



33.2576, 34.8825, 23.7190



27.7054, 34.8825, 37.6877



33.0522, 34.8825, 57.0506



39.2756, 34.8825, 38.2761

Rectangle

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



33.2576, 34.8825, 23.7190



28.9825, 34.8825, 28.1207



33.0522, 34.8825, 57.0506



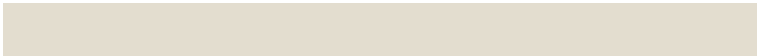
37.7094, 34.8825, 49.9128

Sweetspot

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



33.2585, 34.8841, 23.7197



68.6033, 72.2768, 69.0622



29.2100, 25.0335, 27.7764



15.1037, 15.9131, 14.8790



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



33.2585, 34.8841, 23.7197



58.0990, 60.7037, 36.4720



34.1558, 39.6642, 24.5951



8.4476, 8.9000, 8.4860



17.5370, 16.2795, 2.2180



0.5338, 0.5448, 0.0770

Inverse Universe

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



25.0408, 25.7314, 43.6914



40.8186, 41.4638, 78.4888



24.2939, 22.1561, 43.0407



7.7762, 8.1519, 10.1163



6.5654, 4.2646, 29.5216



0.2323, 0.2179, 0.8378

Previews

White Background



This preview shows how the XYZ color 33.2576, 34.8825, 23.7190 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 33.2576, 34.8825, 23.7190 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

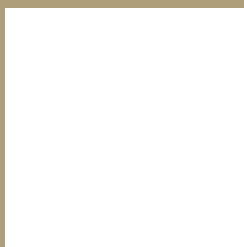
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.2576, 34.8825, 23.7190

Background



This preview shows how black text looks on a background with the XYZ color 33.2576, 34.8825, 23.7190.



This preview shows how white text looks on a background with the XYZ color 33.2576, 34.8825,

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

33.2576, 34.8825, 23.7190

Protanopia

32.6138, 34.7976, 24.0665

Deuteranopia

35.5228, 34.8025, 23.9141



Tritanopia

36.5195, 34.7205, 39.8989

Trichromacy



Original Color

33.2576, 34.8825, 23.7190

Protanomaly

32.8308, 34.9094, 24.0766

Deuteranomaly

34.6508, 34.8430, 23.9679

Tritanomaly

35.1119, 34.6282, 33.2671

Monochromacy



Original Color

33.2576, 34.8825, 23.7190

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.8963, 34.7641, 32.1705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2576, 34.8825, 23.7190 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(174, 158, 123)` looks like.

```
.text, #text, p{  
    color:rgb(174, 158, 123)  
}
```

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(174, 158, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 158, 123) }
```

Border

The CSS property to change the border of an element to XYZ 33.2576, 34.8825, 23.7190 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(174, 158, 123) }
```


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

```
.border{ border-color:rgb(174, 158, 123) }
```

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

Here you see how a box with a 4 pixel rgb(174, 158, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 158, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 158, 123);  
box-shadow:4px 4px 4px 4px rgb(174, 158,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2576, 34.8825, 23.7190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 158, 123) }
```

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

```
.background{ background-color: rgb(174,  
158, 123) }
```

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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