

Converting Colors

XYZ(34.2953, 35.8562, 26.6890)

Have a look what the booklet for
XYZ(34.2953, 35.8562, 26.6890)
contains.

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Color

**XYZ(34.3467, 35.8943,
26.5907)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA083
RGB	175, 160, 131
RGB Percent	69%, 63%, 51%
CMY	0.3137, 0.3725, 0.4863
CMYK	0.00, 0.09, 0.25, 0.31
HSL	40°, 22%, 60%
HSV	40°, 25%, 69%
XYZ	34.3467, 35.8943, 26.5907
YIQ	161.1790, 18.2490, -5.8390

Conversions

Conversions Part 2

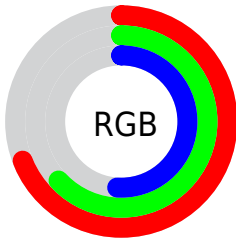
Format	Color
RYB	154, 175, 131
Decimal	11509891
CIELab	66.44, 0.80, 17.12
CIELCh	66, 17.142, 87.333
Yxy	35.8943, 0.3547, 0.3707
Android (android.graphics.Color)	4289699971 (0xFFAFA083)
YUV	161.1790, -14.8782, 12.1210
Hunter-Lab	59.9119, -2.5140, 15.6236

Details

The XYZ color **34.3467, 35.8943, 26.5907** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.3765, 28.4773, 44.6112**, and the grayscale version is **34.0214, 35.7931, 38.9787**.

A 20% lighter version of the original color is **65.9072, 69.0505, 55.2018**, and **14.9799, 15.6689, 10.0195** is the 20% darker color. If you saturate the color by 10%, you get **32.2504, 33.4421, 20.5263**, and if you desaturate by 10%, it is **36.6948, 38.5291, 33.7283**.

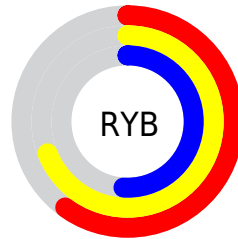
Distribution



Red (69%)

Green (63%)

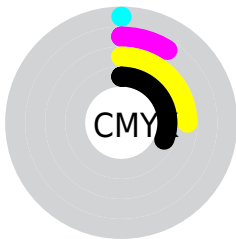
Blue (51%)



Red (60%)

Yellow (69%)

Blue (51%)

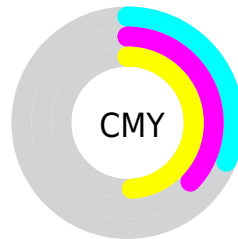


Cyan (0%)

Magenta (9%)

Yellow (25%)

Black (31%)



Cyan (31%)


Magenta (37%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3467, 35.8943, 26.5907 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 34.3467, 35.8943, 26.5907 by changing the saturation by 10% instead.


 34.3467, 35.8943,
26.5907


 34.3467, 35.8943,
26.5907


313.2340,
328.4983, 299.3671


 23.3242, 24.3526,
17.0363


 65.8132, 68.8689,
55.2221

 14.9551, 15.5954,
10.0982


 86.9879, 91.0705,
75.1362

 8.8740, 9.2383,
5.3576


 112.2774,
117.5943, 99.3407

 4.7155, 4.8969,
2.3962

142.0470,
148.8245, 128.2541

 2.1144, 2.1869,
0.7844

176.6621,
185.1457, 162.2948

 0.6970, 0.7128,
0.0000

216.4881,

 0.0000, 0.0000,

226.9421, 201.8816

0.0000

261.8903,
274.5982, 247.4328

■ 34.3467, 35.8943,
26.5907

■ 34.3467, 35.8943,
26.5907

■ 32.2504, 33.4421,
20.5263

■ 36.6948, 38.5291,
33.7283

■ 30.3924, 31.1622,
15.4797

■ 39.3021, 41.3468,
41.9863

■ 28.7621, 29.0506,
11.3937

■ 42.1787, 44.3537,
51.4118

■ 27.3465, 27.1009,
8.2047

■ 45.3337, 47.5546,
62.0487

■ 26.1316, 25.3062,
5.8413

■ 48.7756, 50.9537,
73.9384

■ 25.1008, 23.6589,
4.2210

■ 52.5123, 54.5554,
87.1204

■ 24.2343, 22.1496,
3.2421

■ 56.5517, 58.3636,
101.6324

■ 23.8508, 21.4572,
2.8846

■ 58.2165, 61.3086,
103.3731

■ 59.6956, 64.2667,
103.8662

Harmonies

Analogous

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



36.8515, 35.8943, 28.3464



34.3467, 35.8943, 26.5907



31.8991, 35.8943, 27.8186

Triad

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



34.3467, 35.8943, 26.5907



29.9155, 35.8943, 45.9420



38.4441, 35.8943, 47.2230

Complementary

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



34.3467, 35.8943, 26.5907



27.3765, 28.4773, 44.6112

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.



36.4342, 35.8943, 53.0388



34.3467, 35.8943, 26.5907



31.5202, 35.8943, 52.2364

Square

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



34.3467, 35.8943, 26.5907



29.4181, 35.8943, 38.4285



33.8872, 35.8943, 54.9784



39.2902, 35.8943, 39.7444

Rectangle

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



34.3467, 35.8943, 26.5907



30.6131, 35.8943, 30.2611



33.8872, 35.8943, 54.9784



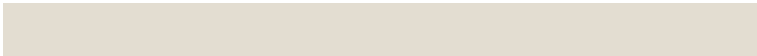
37.8774, 35.8943, 49.4712

Sweetspot

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



34.3476, 35.8959, 26.5915



68.9396, 72.5034, 70.5490



31.0152, 27.4347, 31.0186



15.1663, 15.9465, 15.1831



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.



34.3476, 35.8959, 26.5915



59.4416, 61.8862, 41.5518



35.6606, 40.6675, 27.4433



8.4293, 8.8635, 8.4799



17.1391, 15.4836, 2.0853



0.5248, 0.5269, 0.0740

Inverse Universe

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



27.3765, 28.4773, 44.6112



44.8717, 46.3847, 79.2250



26.2697, 24.6974, 43.9400



7.7937, 8.1868, 10.1221



6.7372, 4.6083, 29.5789



0.2391, 0.2315, 0.8401

Previews

White Background



This preview shows how the XYZ color 34.3467, 35.8943, 26.5907 looks on a white background.

Color Contrast Check

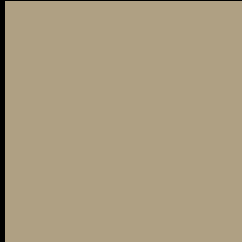
Large Text (above 18pt) WCAG AA × Fail

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 34.3467, 35.8943, 26.5907 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

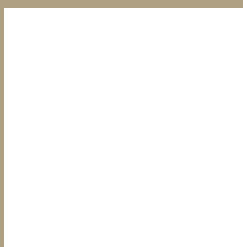
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.3467, 35.8943, 26.5907

Background



This preview shows how black text looks on a background with the XYZ color 34.3467, 35.8943, 26.5907.

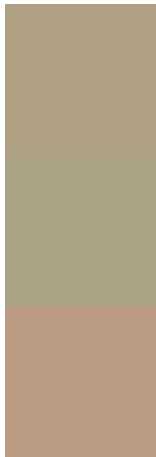


This preview shows how white text looks on a background with the XYZ color 34.3467, 35.8943,

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

34.3467, 35.8943, 26.5907

Protanopia

33.7043, 35.8136, 26.9661

Deuteranopia

36.3797, 35.6734, 26.7980



Tritanopia

37.2868, 35.8164, 41.5072

Trichromacy



Original Color

34.3467, 35.8943, 26.5907

Protanomaly

33.9230, 35.9263, 26.9763

Deuteranomaly

35.7503, 35.8472, 26.8647

Tritanomaly

36.2498, 35.9120, 35.5930

Monochromacy



Original Color

34.3467, 35.8943, 26.5907

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.9758, 35.7987, 33.9733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3467, 35.8943, 26.5907 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(175, 160, 131)` looks like.

```
.text, #text, p{  
    color:rgb(175, 160, 131)  
}
```

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(175, 160, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 160, 131) }
```

Border

The CSS property to change the border of an element to XYZ 34.3467, 35.8943, 26.5907 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(175, 160, 131) }
```


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

```
.border{ border-color:rgb(175, 160, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 160, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 160, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 160, 131);  
box-shadow:4px 4px 4px 4px rgb(175, 160,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3467, 35.8943, 26.5907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 160, 131) }
```

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

```
.background{ background-color: rgb(175,  
160, 131) }
```

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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