

Converting Colors

XYZ(35.5457, 36.3737, 26.3458)

Have a look what the booklet for
XYZ(35.5457, 36.3737, 26.3458)
contains.

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Color

**XYZ(35.4835, 36.2317,
26.2423)**

Conversions

Conversions Part 1

Format	Color
Hex	B59F82
RGB	181, 159, 130
RGB Percent	71%, 62%, 51%
CMY	0.2902, 0.3765, 0.4902
CMYK	0.00, 0.12, 0.28, 0.29
HSL	34°, 26%, 61%
HSV	34°, 28%, 71%
XYZ	35.4835, 36.2317, 26.2423
YIQ	162.2720, 22.4210, -4.3550

Conversions

Conversions Part 2

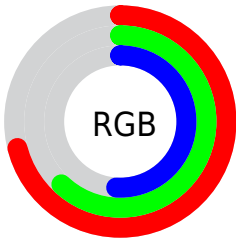
Format	Color
RYB	169, 181, 130
Decimal	11902850
CIELab	66.70, 3.57, 18.12
CIELCh	67, 18.465, 78.839
Yxy	36.2317, 0.3622, 0.3699
Android (android.graphics.Color)	4290092930 (0xFFB59F82)
YUV	162.2720, -15.9101, 16.4245
Hunter-Lab	60.1928, -0.1120, 16.2862

Details

The XYZ color **35.4835, 36.2317, 26.2423** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.7745, 30.5378, 48.0942**, and the grayscale version is **34.5359, 36.3344, 39.5682**.

A 20% lighter version of the original color is **67.5189, 69.5166, 54.6592**, and **15.6002, 15.8312, 10.0181** is the 20% darker color. If you saturate the color by 10%, you get **33.0738, 33.1884, 19.9632**, and if you desaturate by 10%, it is **38.1936, 39.5334, 33.6767**.

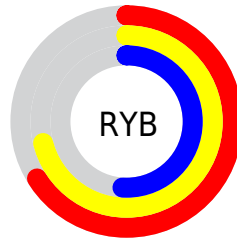
Distribution



Red (71%)

Green (62%)

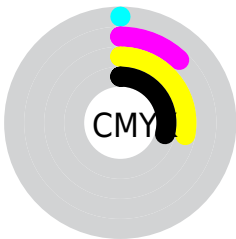
Blue (51%)



Red (66%)

Yellow (71%)

Blue (51%)

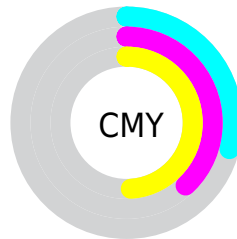


Cyan (0%)

Magenta (12%)

Yellow (28%)

Black (29%)



Cyan (29%)


Magenta (38%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4835, 36.2317, 26.2423 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 35.4835, 36.2317, 26.2423 by changing the saturation by 10% instead.


 35.4835, 36.2317,
26.2423


 35.4835, 36.2317,
26.2423


318.1681,
329.9721, 297.6127


 24.2038, 24.6132,
16.7776


 67.5632, 69.3895,
54.6545

 15.6104, 15.7891,
9.9158


 89.0939, 91.6977,
74.4390

 9.3380, 9.3750,
5.2383


 114.7724,
118.3378, 98.5006

 5.0212, 4.9866,
2.3266

144.9640,
149.6943, 127.2577

 2.2946, 2.2394,
0.7460

180.0340,
186.1516, 161.1289

 0.7919, 0.7414,
0.0000

220.3477,

 0.0000, 0.0000,

228.0941, 200.5328

0.0000

266.2707,
275.9061, 245.8879

■ 35.4835, 36.2317,
26.2423

■ 35.4835, 36.2317,
26.2423

■ 33.0738, 33.1884,
19.9632

■ 38.1936, 39.5334,
33.6767

■ 30.9489, 30.3910,
14.7778

■ 41.2133, 43.0957,
42.3195

■ 29.0961, 27.8330,
10.6219

■ 44.5546, 46.9271,
52.2228

■ 27.5000, 25.5057,
7.4237

■ 48.2280, 51.0342,
63.4354

■ 26.1438, 23.3997,
5.1019

■ 52.2437, 55.4231,
76.0032

■ 25.0077, 21.5042,
3.5618

■ 56.6112, 60.0999,
89.9699

■ 24.0607, 19.8039,
2.6492

■ 61.0645, 64.9604,
103.9279

■ 23.8999, 19.5113,
2.5064

■ 63.0836, 68.9986,
104.6009

■ 65.1986, 73.2287,
105.3060

Harmonies

Analogous

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



38.0811, 36.2317, 28.9992



35.4835, 36.2317, 26.2423



32.7377, 36.2317, 26.6492

Triad

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



35.4835, 36.2317, 26.2423



29.6162, 36.2317, 44.6095



38.6256, 36.2317, 50.4227

Complementary

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



35.4835, 36.2317, 26.2423



28.7745, 30.5378, 48.0942

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.



36.1944, 36.2317, 55.8073



35.4835, 36.2317, 26.2423



31.0334, 36.2317, 52.1514

Square

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



35.4835, 36.2317, 26.2423



29.4488, 36.2317, 36.5571



33.4116, 36.2317, 56.4794



39.9592, 36.2317, 42.4920

Rectangle

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



35.4835, 36.2317, 26.2423



31.1886, 36.2317, 28.6753



33.4116, 36.2317, 56.4794



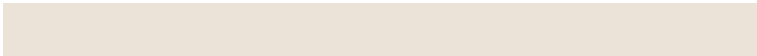
37.9038, 36.2317, 52.6337

Sweetspot

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



35.4844, 36.2334, 26.2431



73.8359, 77.2113, 75.8636



32.7148, 28.0597, 33.4410



15.7765, 16.4760, 15.8674



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.



35.4844, 36.2334, 26.2431



60.7317, 61.3553, 39.5800



38.8219, 44.0775, 27.5812



8.8840, 9.2805, 8.9756



16.5459, 13.5904, 1.7511



0.5772, 0.5408, 0.0740

Inverse Universe

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



28.7745, 30.5378, 48.0942



46.6727, 49.4253, 85.3747



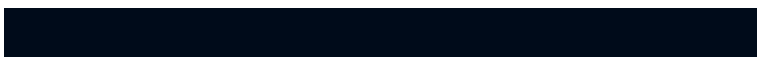
26.0597, 24.3211, 47.0373



8.3333, 8.8129, 10.7682



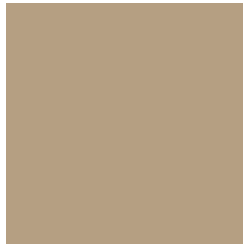
7.6974, 6.1951, 30.9271



0.3006, 0.3117, 0.9926

Previews

White Background



This preview shows how the XYZ color 35.4835, 36.2317, 26.2423 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 35.4835, 36.2317, 26.2423 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 35.4835, 36.2317, 26.2423

Background



This preview shows how black text looks on a background with the XYZ color 35.4835, 36.2317, 26.2423.



This preview shows how white text looks on a background with the XYZ color 35.4835, 36.2317,

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

35.4835, 36.2317, 26.2423

Protanopia

34.0303, 36.2500, 26.6761

Deuteranopia

36.9715, 36.2344, 26.5181



Tritanopia

38.4461, 36.1787, 41.0332

Trichromacy



Original Color

35.4835, 36.2317, 26.2423

Protanomaly

34.5208, 36.2424, 26.6488

Deuteranomaly

36.4034, 36.1917, 26.5398

Tritanomaly

37.4054, 36.2672, 35.1658

Monochromacy



Original Color

35.4835, 36.2317, 26.2423

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.6121, 36.1268, 34.0031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4835, 36.2317, 26.2423 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, 159, 130)` looks like.

```
.text, #text, p{  
    color:rgb(181, 159, 130)  
}
```

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, 159, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 159, 130) }
```

Border

The CSS property to change the border of an element to XYZ 35.4835, 36.2317, 26.2423 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, 159, 130) }
```


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

```
.border{ border-color:rgb(181, 159, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 159, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 159, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 159, 130);  
box-shadow:4px 4px 4px 4px rgb(181, 159,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4835, 36.2317, 26.2423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 159, 130) }
```

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

```
.background{ background-color: rgb(181,  
159, 130) }
```

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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