

Converting Colors

XYZ(34.9150, 36.2519, 26.4156)

Have a look what the booklet for
XYZ(34.9150, 36.2519, 26.4156)
contains.

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Color

**XYZ(34.9602, 36.2183,
26.2673)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A082
RGB	178, 160, 130
RGB Percent	70%, 63%, 51%
CMY	0.3020, 0.3725, 0.4902
CMYK	0.00, 0.10, 0.27, 0.30
HSL	38°, 24%, 60%
HSV	38°, 27%, 70%
XYZ	34.9602, 36.2183, 26.2673
YIQ	161.9620, 20.3580, -5.5140

Conversions

Conversions Part 2

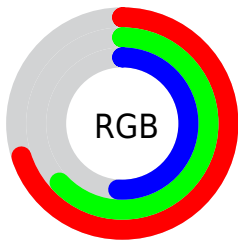
Format	Color
RYB	159, 178, 130
Decimal	11706498
CIELab	66.69, 1.84, 18.06
CIELCh	67, 18.153, 84.184
Yxy	36.2183, 0.3588, 0.3717
Android (android.graphics.Color)	4289896578 (0xFFB2A082)
YUV	161.9620, -15.7573, 14.0653
Hunter-Lab	60.1816, -1.6252, 16.2490

Details

The XYZ color **34.9602, 36.2183, 26.2673** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.8315, 29.1393, 46.2773**, and the grayscale version is **34.3904, 36.1814, 39.4016**.

A 20% lighter version of the original color is **66.7794, 69.5122, 54.6973**, and **15.4113, 15.8913, 10.0397** is the 20% darker color. If you saturate the color by 10%, you get **32.7415, 33.5303, 20.1344**, and if you desaturate by 10%, it is **37.4496, 39.1165, 33.5110**.

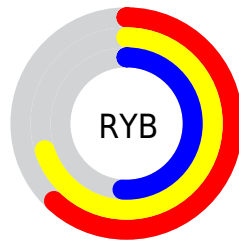
Distribution



Red (70%)

Green (63%)

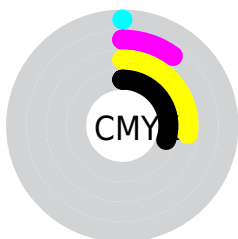
Blue (51%)



Red (62%)

Yellow (70%)

Blue (51%)

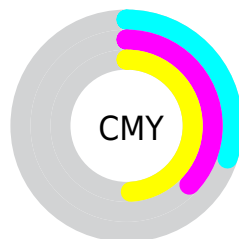


Cyan (0%)

Magenta (10%)

Yellow (27%)

Black (30%)



Cyan (30%)


Magenta (37%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9602, 36.2183, 26.2673 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 34.9602, 36.2183, 26.2673 by changing the saturation by 10% instead.


 34.9602, 36.2183,
26.2673


 34.9602, 36.2183,
26.2673

315.9037,
329.9137, 297.7389


 23.7986, 24.6028,
16.7962

 66.7585, 69.3689,
54.6952

 15.3082, 15.7814,
9.9288


 88.1260, 91.6728,
74.4891

 9.1237, 9.3696,
5.2468


 113.6261,
118.3083, 98.5609

 4.8797, 4.9830,
2.3315

143.6242,
149.6598, 127.3293

 2.2109, 2.2373,
0.7488

178.4856,
186.1117, 161.2128

 0.7485, 0.7402,
0.0000

218.5758,

 0.0000, 0.0000,

228.0484, 200.6298

0.0000

264.2600,
275.8542, 245.9990

■ 34.9602, 36.2183,
26.2673

■ 34.9602, 36.2183,
26.2673

■ 32.7415, 33.5303,
20.1344

■ 37.4496, 39.1165,
33.5110

■ 30.7791, 31.0414,
15.0537

■ 40.2177, 42.2258,
41.9157

■ 29.0614, 28.7466,
10.9645

■ 43.2757, 45.5535,
51.5310

■ 27.5745, 26.6388,
7.7991

■ 46.6331, 49.1047,
62.4030

■ 26.3029, 24.7101,
5.4811

■ 50.2991, 52.8845,
74.5756

■ 25.2289, 22.9517,
3.9216

■ 54.2823, 56.8979,
88.0903

■ 24.3272, 21.3517,
2.9942

■ 58.5912, 61.1495,
102.9868

■ 24.0735, 20.8916,
2.7637

■ 60.3036, 64.4718,
103.8737

■ 62.0211, 67.9067,
104.4462

Harmonies

Analogous

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



37.5951, 36.2183, 28.4380



34.9602, 36.2183, 26.2673



32.3142, 36.2183, 27.2280

Triad

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



34.9602, 36.2183, 26.2673



29.8456, 36.2183, 45.9343



38.8683, 36.2183, 48.9241

Complementary

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



34.9602, 36.2183, 26.2673



27.8315, 29.1393, 46.2773

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.



36.6245, 36.2183, 54.8356



34.9602, 36.2183, 26.2673



31.4372, 36.2183, 52.9557

Square

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



34.9602, 36.2183, 26.2673



29.4522, 36.2183, 37.9286



33.8941, 36.2183, 56.4007



39.9269, 36.2183, 40.9819

Rectangle

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



34.9602, 36.2183, 26.2673



30.8870, 36.2183, 29.5893



33.8941, 36.2183, 56.4007



38.2221, 36.2183, 51.2546

Sweetspot

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



34.9611, 36.2199, 26.2681



72.3165, 75.8921, 74.1118



31.7201, 27.5815, 31.8356



15.8499, 16.6228, 15.8919



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.



34.9611, 36.2199, 26.2681



61.0915, 62.9112, 41.1781



37.0512, 42.2688, 27.3254



8.9240, 9.3605, 8.9889



17.2867, 15.0719, 1.9981



0.5977, 0.5819, 0.0808

Inverse Universe

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



27.8315, 29.1393, 46.2773



46.1146, 48.0412, 83.2235



26.1074, 24.3809, 45.4497



8.2943, 8.7349, 10.7552



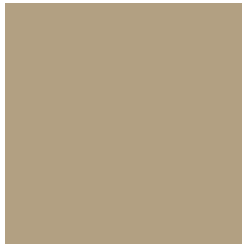
7.2309, 5.2622, 30.7716



0.2847, 0.2799, 0.9873

Previews

White Background



This preview shows how the XYZ color 34.9602, 36.2183, 26.2673 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 34.9602, 36.2183, 26.2673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

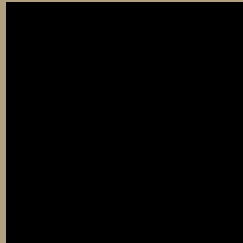
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.9602, 36.2183, 26.2673

Background



This preview shows how black text looks on a background with the XYZ color 34.9602, 36.2183, 26.2673.



This preview shows how white text looks on a background with the XYZ color 34.9602, 36.2183,

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

34.9602, 36.2183, 26.2673

Protanopia

34.0303, 36.2500, 26.6761

Deuteranopia

36.9715, 36.2344, 26.5181



Tritanopia

37.9878, 36.1778, 41.5401

Trichromacy



Original Color

34.9602, 36.2183, 26.2673

Protanomaly

34.2972, 36.1271, 26.6383

Deuteranomaly

36.1613, 36.0669, 26.5284

Tritanomaly

36.9458, 36.2708, 35.6256

Monochromacy



Original Color

34.9602, 36.2183, 26.2673

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.3983, 36.0166, 33.9931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9602, 36.2183, 26.2673 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(178, 160, 130)` looks like.

```
.text, #text, p{  
    color:rgb(178, 160, 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(178, 160, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 160, 130) }
```

Border

The CSS property to change the border of an element to XYZ 34.9602, 36.2183, 26.2673 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(178, 160, 130) }
```


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

```
.border{ border-color:rgb(178, 160, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 160, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 160, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 160, 130);  
box-shadow:4px 4px 4px 4px rgb(178, 160,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9602, 36.2183, 26.2673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 160, 130) }
```

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

```
.background{ background-color: rgb(178,  
160, 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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