

Converting Colors

XYZ(34.8831, 36.7468, 26.3829)

Have a look what the booklet for
XYZ(34.8831, 36.7468, 26.3829)
contains.

XYZ(34.8541, 36.6825, 26.3625)	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(34.8541, 36.6825,
26.3625)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A282
RGB	176, 162, 130
RGB Percent	69%, 64%, 51%
CMY	0.3098, 0.3647, 0.4902
CMYK	0.00, 0.08, 0.26, 0.31
HSL	42°, 23%, 60%
HSV	42°, 26%, 69%
XYZ	34.8541, 36.6825, 26.3625
YIQ	162.5380, 18.6160, -6.9840

Conversions

Conversions Part 2

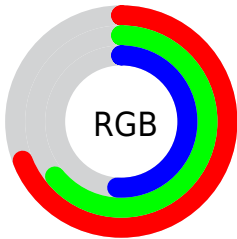
Format	Color
RYB	150, 176, 130
Decimal	11575938
CIELab	67.04, -0.04, 18.52
CIELCh	67, 18.515, 90.122
Yxy	36.6825, 0.3560, 0.3747
Android (android.graphics.Color)	4289766018 (0xFFB0A282)
YUV	162.5380, -16.0412, 11.8062
Hunter-Lab	60.5661, -3.2688, 16.5892

Details

The XYZ color **34.8541, 36.6825, 26.3625** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.0154, 27.8262, 45.0216**, and the grayscale version is **34.6629, 36.4680, 39.7137**.

A 20% lighter version of the original color is **66.6388, 70.2004, 54.8375**, and **15.3008, 16.1590, 9.9020** is the 20% darker color. If you saturate the color by 10%, you get **32.8494, 34.4045, 20.3560**, and if you desaturate by 10%, it is **37.1030, 39.1250, 33.4482**.

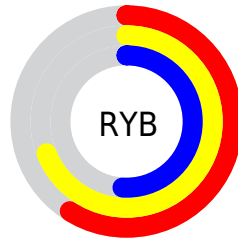
Distribution



Red (69%)

Green (64%)

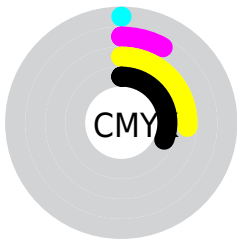
Blue (51%)



Red (59%)

Yellow (69%)

Blue (51%)

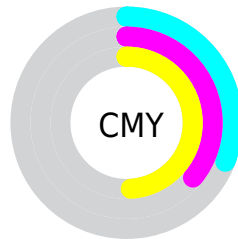


Cyan (0%)

Magenta (8%)

Yellow (26%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8541, 36.6825, 26.3625 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 34.8541, 36.6825, 26.3625 by changing the saturation by 10% instead.

■ 34.8541, 36.6825,
26.3625

■ 34.8541, 36.6825,
26.3625

315.4432,
331.9339, 298.2190

■ 23.7165, 24.9618,
16.8668

■ 66.5952, 70.0842,
54.8504

■ 15.2470, 16.0486,
9.9786

■ 87.9294, 92.5339,
74.6797

■ 9.0804, 9.5585,
5.2794

■ 113.3932,
119.3288, 98.7907

■ 4.8512, 5.1072,
2.3505

143.3519,
150.8532, 127.6018

■ 2.1941, 2.3103,
0.7593

178.1709,
187.4915, 161.5317

■ 0.7396, 0.7792,
0.0000

218.2155,

■ 0.0000, 0.0000,

229.6281, 200.9988

0.0000

263.8512,
277.6475, 246.4217

■ 34.8541, 36.6825,
26.3625

■ 34.8541, 36.6825,
26.3625

■ 32.8494, 34.4045,
20.3560

■ 37.1030, 39.1250,
33.4482

■ 31.0752, 32.2809,
15.3722

■ 39.6033, 41.7319,
41.6613

■ 29.5208, 30.3080,
11.3526

■ 42.3654, 44.5093,
51.0497

■ 28.1734, 28.4796,
8.2321

■ 45.3981, 47.4615,
61.6582

■ 27.0185, 26.7894,
5.9374

■ 48.7099, 50.5926,
73.5288

■ 26.0396, 25.2297,
4.3836

■ 52.3088, 53.9067,
86.7017

■ 25.2148, 23.7909,
3.4584

■ 56.2026, 57.4074,
101.2155

■ 24.9195, 23.2600,
3.1762

■ 57.7487, 60.0385,
103.1526

■ 59.0505, 62.6420,
103.5866

Harmonies

Analogous

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



37.6311, 36.6825, 27.9549



34.8541, 36.6825, 26.3625



32.2201, 36.6825, 27.9809

Triad

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



34.8541, 36.6825, 26.3625



30.3918, 36.6825, 48.2333



39.7709, 36.6825, 48.1685

Complementary

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



34.8541, 36.6825, 26.3625



27.0154, 27.8262, 45.0216

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.



37.6521, 36.6825, 54.8998



34.8541, 36.6825, 26.3625



32.2390, 36.6825, 54.9406

Square

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



34.8541, 36.6825, 26.3625



29.7299, 36.6825, 39.9740



34.8771, 36.6825, 57.5276



40.5612, 36.6825, 39.9080

Rectangle

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



34.8541, 36.6825, 26.3625



30.8759, 36.6825, 30.8066



34.8771, 36.6825, 57.5276



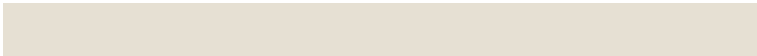
39.1850, 36.6825, 50.7231

Sweetspot

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



34.8551, 36.6842, 26.3633



70.8808, 74.7155, 72.4058



30.9649, 27.2268, 30.2369



15.2121, 16.0381, 15.1984



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.



34.8551, 36.6842, 26.3633



61.1952, 64.2615, 41.6866



35.6112, 40.9399, 27.1449



8.9745, 9.4615, 9.0058



18.3372, 17.1730, 2.3482



0.6255, 0.6374, 0.0901

Inverse Universe

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



27.0154, 27.8262, 45.0216



44.7049, 45.6335, 80.9472



26.3726, 24.5406, 44.4213



8.2458, 8.6378, 10.7390



6.7485, 4.2973, 30.6108



0.2651, 0.2408, 0.9807

Previews

White Background



This preview shows how the XYZ color 34.8541, 36.6825, 26.3625 looks on a white background.

Color Contrast Check

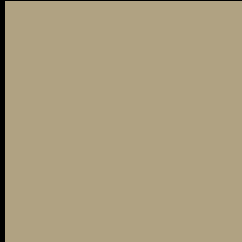
Large Text (above 18pt) WCAG AA × Fail

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 34.8541, 36.6825, 26.3625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

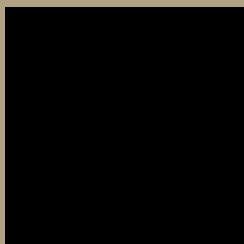
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.8541, 36.6825, 26.3625

Background



This preview shows how black text looks on a background with the XYZ color 34.8541, 36.6825, 26.3625.



This preview shows how white text looks on a background with the XYZ color 34.8541, 36.6825,

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

34.8541, 36.6825, 26.3625

Protanopia

34.3600, 36.6903, 26.3901

Deuteranopia

37.3889, 36.6998, 26.5859



Tritanopia

38.2745, 36.8023, 42.6224

Trichromacy



Original Color

34.8541, 36.6825, 26.3625

Protanomaly

34.5820, 36.8048, 26.4005

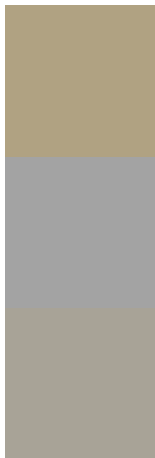
Deuteranomaly

36.5025, 36.7493, 26.6422

Tritanomaly

36.9049, 36.7465, 36.1580

Monochromacy



Original Color

34.8541, 36.6825, 26.3625

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.8316, 36.7536, 34.5365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8541, 36.6825, 26.3625 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(176, 162, 130)` looks like.

```
.text, #text, p{  
    color:rgb(176, 162, 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(176, 162, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 162, 130) }
```

Border

The CSS property to change the border of an element to XYZ 34.8541, 36.6825, 26.3625 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(176, 162, 130) }
```


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

```
.border{ border-color:rgb(176, 162, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 162, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 162, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 162, 130);  
box-shadow:4px 4px 4px 4px rgb(176, 162,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8541, 36.6825, 26.3625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 162, 130) }
```

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

```
.background{ background-color: rgb(176,  
162, 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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