

Converting Colors

XYZ(35.9587, 36.7544, 32.5675)

Have a look what the booklet for
XYZ(35.9587, 36.7544, 32.5675)
contains.

XYZ(36.0646, 36.9122, 32.4181)	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(36.0646, 36.9122,
32.4181)**

Conversions

Conversions Part 1	
Format	Color
Hex	B1A192
RGB	177, 161, 146
RGB Percent	69%, 63%, 57%
CMY	0.3059, 0.3686, 0.4274
CMYK	0.00, 0.09, 0.18, 0.31
HSL	29°, 17%, 63%
HSV	29°, 18%, 69%
XYZ	36.0646, 36.9122, 32.4181
YIQ	164.0740, 14.3510, -1.2730

Conversions

Conversions Part 2

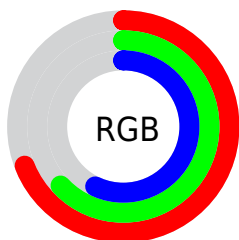
Format	Color
RYB	177, 175, 146
Decimal	11641234
CIELab	67.21, 3.31, 9.92
CIELCh	67, 10.457, 71.540
Yxy	36.9122, 0.3422, 0.3502
Android (android.graphics.Color)	4289831314 (0xFFB1A192)
YUV	164.0740, -8.9105, 11.3361
Hunter-Lab	60.7554, -0.3638, 10.8926

Details

The XYZ color **36.0646, 36.9122, 32.4181** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.7099, 35.1250, 46.6509**, and the grayscale version is **35.3589, 37.2004, 40.5112**.

A 20% lighter version of the original color is **68.5855, 70.6055, 64.6570**, and **15.9994, 16.2815, 13.3657** is the 20% darker color. If you saturate the color by 10%, you get **33.2550, 33.3283, 25.2065**, and if you desaturate by 10%, it is **39.2060, 40.8179, 40.7930**.

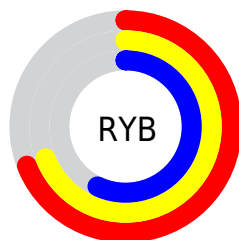
Distribution



Red (69%)

Green (63%)

Blue (57%)



Red (69%)

Yellow (69%)

Blue (57%)

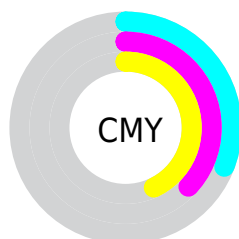


Cyan (0%)

Magenta (9%)

Yellow (18%)

Black (31%)



Cyan (31%)


Magenta (37%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0646, 36.9122, 32.4181 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 36.0646, 36.9122, 32.4181 by changing the saturation by 10% instead.


 36.0646, 36.9122,
32.4181


 36.0646, 36.9122,
32.4181


320.6691,
332.9302, 327.5707

 24.6544, 25.1395,
21.4136


 68.4550, 70.4377,
64.5715

 15.9471, 16.1810,
13.2325


 90.1659, 92.9594,
86.5574

 9.5774, 9.6523,
7.4562


116.0411,
119.8328, 113.0409

 5.1798, 5.1691,
3.6663

146.4460,
151.4424, 144.4405

 2.3890, 2.3468,
1.4441

181.7459,
188.1725, 181.1747

 0.8396, 0.7983,
0.1758


222.3061,


 0.0000, 0.0000,

230.4076, 223.6622


0.0000


268.4921,
278.5320, 272.3213


 36.0646, 36.9122,
32.4181


 36.0646, 36.9122,
32.4181


 33.2550, 33.3283,
25.2065


 39.2060, 40.8179,
40.7930


 30.7620, 30.0524,
19.1034


 42.6878, 45.0489,
50.3777


 28.5735, 27.0768,
14.0534


 46.5219, 49.6149,
61.2192


 26.6753, 24.3916,
9.9949


 50.7187, 54.5238,
73.3613


 25.0520, 21.9863,
6.8602


 55.2882, 59.7830,
86.8454

 23.6863, 19.8493,
4.5727


 60.2399, 65.3998,
101.7113


 22.5586, 17.9681,
3.0434

 63.0899, 70.3839,
104.8680

 21.6403, 16.3261,
2.1371

 65.6246, 75.4533,
105.7129

 21.4328, 15.9497,
1.9490

 68.2933, 80.7907,
106.6025

Harmonies

Analogous

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



37.4313, 36.9122, 34.6404



36.0646, 36.9122, 32.4181



34.4736, 36.9122, 32.1808

Triad

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



36.0646, 36.9122, 32.4181



32.1624, 36.9122, 41.9749



37.1585, 36.9122, 47.1345

Complementary

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



36.0646, 36.9122, 32.4181



32.7099, 35.1250, 46.6509

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.



35.7014, 36.9122, 49.4313



36.0646, 36.9122, 32.4181



32.8369, 36.9122, 46.3052

Square

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



36.0646, 36.9122, 32.4181



32.2530, 36.9122, 37.4721



34.1212, 36.9122, 49.1168



38.0759, 36.9122, 43.0386

Rectangle

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



36.0646, 36.9122, 32.4181



33.5031, 36.9122, 33.1567



34.1212, 36.9122, 49.1168



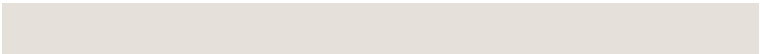
36.7137, 36.9122, 48.1561

Sweetspot

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



36.0656, 36.9138, 32.4189



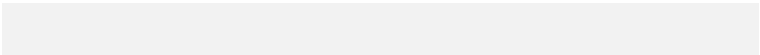
71.6736, 74.8888, 77.0242



34.9337, 32.5146, 38.6253



15.4430, 16.1197, 16.4472



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.



36.0656, 36.9138, 32.4189



62.5879, 63.5755, 52.8529



38.9402, 42.6632, 33.3771



8.8245, 9.1614, 8.9558



15.5891, 11.6767, 1.4322



0.5490, 0.4844, 0.0646

Inverse Universe

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



32.7099, 35.1250, 46.6509



55.4536, 59.7722, 83.1098



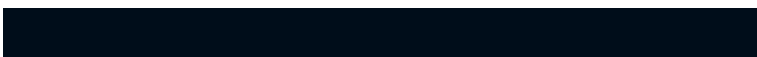
30.1490, 30.0033, 45.7973



8.3925, 8.9312, 10.7879



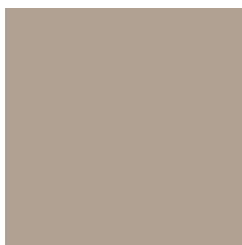
8.5421, 7.8845, 31.2086



0.3269, 0.3643, 1.0013

Previews

White Background



This preview shows how the XYZ color 36.0646, 36.9122, 32.4181 looks on a white background.

Color Contrast Check

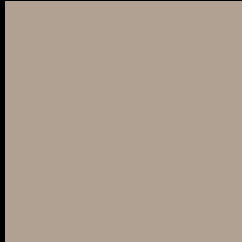
Large Text (above 18pt) WCAG AA × Fail

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 36.0646, 36.9122, 32.4181 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

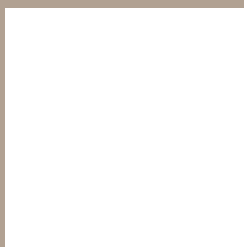
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.0646, 36.9122, 32.4181

Background



This preview shows how black text looks on a background with the XYZ color 36.0646, 36.9122, 32.4181.



This preview shows how white text looks on a background with the XYZ color 36.0646, 36.9122,

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

36.0646, 36.9122, 32.4181

Protanopia

34.9412, 36.8470, 32.8743

Deuteranopia

37.7430, 36.9994, 32.7561



Tritanopia

38.3049, 37.0593, 43.1645

Trichromacy



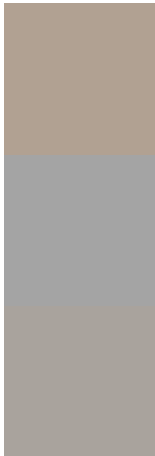
Original Color
36.0646, 36.9122, 32.4181

Protanomaly
35.4204, 36.8315, 32.8461

Deuteranomaly
37.1930, 36.9701, 32.7794

Tritanomaly
37.4216, 36.9532, 38.8786

Monochromacy



Original Color
36.0646, 36.9122, 32.4181

Achromatopsia
35.2861, 37.1238, 40.4278

Achromatomaly
35.5452, 37.0637, 37.1789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0646, 36.9122, 32.4181 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(177, 161, 146) looks like.

```
.text, #text, p{  
    color:rgb(177, 161, 146)  
}
```

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(177, 161, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 161, 146) }
```

Border

The CSS property to change the border of an element to XYZ 36.0646, 36.9122, 32.4181 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(177, 161, 146) }
```


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

```
.border{ border-color:rgb(177, 161, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 161, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 161, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 161, 146);  
box-shadow:4px 4px 4px 4px rgb(177, 161,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0646, 36.9122, 32.4181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 161, 146) }
```

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

```
.background{ background-color: rgb(177,  
161, 146) }
```

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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