

Converting Colors

XYZ(36.1333, 36.2944, 31.7981)

Have a look what the booklet for
XYZ(36.1333, 36.2944, 31.7981)
contains.

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Color

**XYZ(36.1601, 36.2014,
31.8698)**

Conversions

Conversions Part 1

Format	Color
Hex	B49E91
RGB	180, 158, 145
RGB Percent	71%, 62%, 57%
CMY	0.2941, 0.3804, 0.4314
CMYK	0.00, 0.12, 0.19, 0.29
HSL	22°, 19%, 64%
HSV	22°, 19%, 71%
XYZ	36.1601, 36.2014, 31.8698
YIQ	163.0960, 17.2850, 0.6210

Conversions

Conversions Part 2

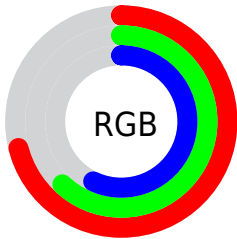
Format	Color
RYB	180, 166, 145
Decimal	11837073
CIELab	66.67, 5.95, 9.75
CIELCh	67, 11.420, 58.615
Yxy	36.2014, 0.3469, 0.3473
Android (android.graphics.Color)	4290027153 (0xFFB49E91)
YUV	163.0960, -8.9213, 14.8248
Hunter-Lab	60.1676, 1.9833, 10.7124

Details

The XYZ color **36.1601, 36.2014, 31.8698** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.7337, 36.9515, 48.5346**, and the grayscale version is **34.8940, 36.7112, 39.9785**.

A 20% lighter version of the original color is **68.6951, 69.5449, 63.8357**, and **16.0756, 15.8536, 13.0393** is the 20% darker color. If you saturate the color by 10%, you get **33.0393, 32.0075, 24.5158**, and if you desaturate by 10%, it is **39.6805, 40.8418, 40.4428**.

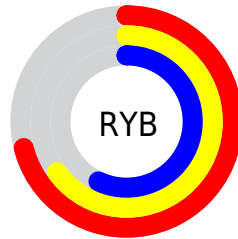
Distribution



Red (71%)

Green (62%)

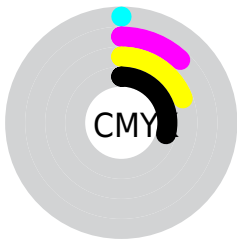
Blue (57%)



Red (71%)

Yellow (65%)

Blue (57%)

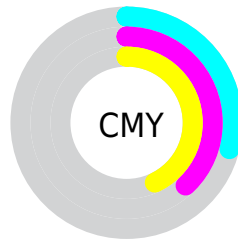


Cyan (0%)

Magenta (12%)

Yellow (19%)

Black (29%)



Cyan (29%)


Magenta (38%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1601, 36.2014, 31.8698 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 36.1601, 36.2014, 31.8698 by changing the saturation by 10% instead.


 36.1601, 36.2014,
31.8698


 36.1601, 36.2014,
31.8698


321.0788,
329.8400, 325.0002

 24.7286, 24.5898,
20.9981


 68.6014, 69.3428,
63.7025

 16.0026, 15.7717,
12.9314


 90.3418, 91.6414,
85.5005

 9.6168, 9.3627,
7.2511


116.2492,
118.2711, 111.7777

 5.2060, 4.9785,
3.5388

146.6890,
149.6163, 142.9526

 2.4046, 2.2347,
1.3759

182.0265,
186.0614, 179.4437

 0.8474, 0.7388,
0.1228

222.6271,

 0.0000, 0.0000,

227.9907, 221.6697

0.0000

268.8560,
275.7888, 270.0490

■ 36.1601, 36.2014,
31.8698

■ 36.1601, 36.2014,
31.8698

■ 33.0393, 32.0075,
24.5158

■ 39.6805, 40.8418,
40.4428

■ 30.2999, 28.2416,
18.3225

■ 43.6117, 45.9369,
50.2849

■ 27.9270, 24.8909,
13.2303

■ 47.9683, 51.5007,
61.4461

■ 25.9030, 21.9401,
9.1731

■ 52.7631, 57.5453,
73.9730

■ 24.2089, 19.3727,
6.0779

■ 58.0083, 64.0821,
87.9101

■ 22.8236, 17.1712,
3.8618

■ 63.7158, 71.1223,
103.2996

■ 21.7229, 15.3161,
2.4275

■ 67.2122, 77.6027,
106.0441

■ 20.8653, 13.7802,
1.5889

■ 70.5950, 84.3684,
107.1717

■ 20.8223, 13.7030,
1.5475

■ 72.6325, 88.4434,
107.8509

Harmonies

Analogous

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



37.3949, 36.2014, 35.0517



36.1601, 36.2014, 31.8698



34.4884, 36.2014, 30.6841

Triad

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



36.1601, 36.2014, 31.8698



31.2060, 36.2014, 39.1885



36.0171, 36.2014, 48.3329

Complementary

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



36.1601, 36.2014, 31.8698



33.7337, 36.9515, 48.5346

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.



34.3284, 36.2014, 49.6674



36.1601, 36.2014, 31.8698



31.5852, 36.2014, 44.1308

Square

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



36.1601, 36.2014, 31.8698



31.6608, 36.2014, 34.6861



32.7141, 36.2014, 48.0709



37.3104, 36.2014, 44.5600

Rectangle

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



36.1601, 36.2014, 31.8698



33.3632, 36.2014, 31.1031



32.7141, 36.2014, 48.0709



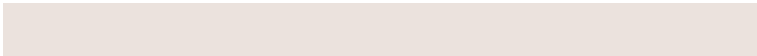
35.4751, 36.2014, 49.0947

Sweetspot

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



36.1611, 36.2030, 31.8706



74.2462, 77.0481, 79.0332



35.9386, 32.7507, 41.0678



15.9512, 16.5280, 16.8426



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.



36.1611, 36.2030, 31.8706



63.2471, 62.5442, 52.2625



39.3285, 42.5378, 32.9264



8.7464, 9.0053, 8.9297



14.5923, 9.6832, 1.0999



0.5162, 0.4188, 0.0536

Inverse Universe

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



33.7337, 36.9515, 48.5346



58.0966, 64.1290, 87.6107



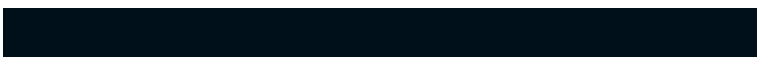
30.7689, 31.0220, 47.5464



8.4720, 9.0902, 10.8144



9.9468, 10.6940, 31.6769



0.3666, 0.4437, 1.0146

Previews

White Background



This preview shows how the XYZ color 36.1601, 36.2014, 31.8698 looks on a white background.

Color Contrast Check

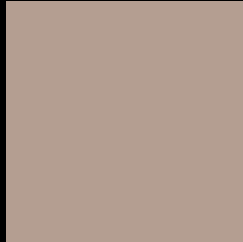
Large Text (above 18pt) WCAG AA × Fail

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 36.1601, 36.2014, 31.8698 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 36.1601, 36.2014, 31.8698

Background



This preview shows how black text looks on a background with the XYZ color 36.1601, 36.2014, 31.8698.



This preview shows how white text looks on a background with the XYZ color 36.1601, 36.2014,

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

36.1601, 36.2014, 31.8698

Protanopia

34.5490, 36.3823, 32.8053

Deuteranopia

36.7665, 36.0116, 31.8012



Tritanopia

38.2248, 36.3000, 41.5511

Trichromacy



Original Color

36.1601, 36.2014, 31.8698

Protanomaly

35.1668, 36.4493, 32.3761

Deuteranomaly

36.6962, 36.2256, 31.8462

Tritanomaly

37.4379, 36.2252, 37.8199

Monochromacy



Original Color

36.1601, 36.2014, 31.8698

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.1078, 36.3251, 36.6135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1601, 36.2014, 31.8698 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(180, 158, 145)` looks like.

```
.text, #text, p{  
    color:rgb(180, 158, 145)  
}
```

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(180, 158, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 158, 145) }
```

Border

The CSS property to change the border of an element to XYZ 36.1601, 36.2014, 31.8698 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(180, 158, 145) }
```


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

```
.border{ border-color:rgb(180, 158, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 158, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 158, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 158, 145);  
box-shadow:4px 4px 4px 4px rgb(180, 158,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1601, 36.2014, 31.8698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 158, 145) }
```

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

```
.background{ background-color: rgb(180,  
158, 145) }
```

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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