

Converting Colors

XYZ(31.6584, 31.3565, 35.3275)

Have a look what the booklet for
XYZ(31.6584, 31.3565, 35.3275)
contains.

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Color

**XYZ(31.6106, 31.3329,
35.3921)**

Conversions

Conversions Part 1

Format	Color
Hex	A3949B
RGB	163, 148, 155
RGB Percent	64%, 58%, 61%
CMY	0.3608, 0.4196, 0.3922
CMYK	0.00, 0.09, 0.05, 0.36
HSL	332°, 8%, 61%
HSV	332°, 9%, 64%
XYZ	31.6106, 31.3329, 35.3921
YIQ	153.2830, 6.6930, 5.3570

Conversions

Conversions Part 2

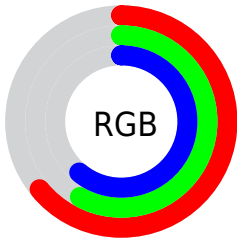
Format	Color
R_{YB}	163, 148, 155
Decimal	10720411
CIE Lab	62.79, 6.82, -1.67
CIE LCh	63, 7.019, 346.213
Yxy	31.3329, 0.3215, 0.3186
Android (android.graphics.Color)	4288910491 (0xFFA3949B)
YUV	153.2830, 0.8465, 8.5218
Hunter-Lab	55.9758, 2.8447, 1.6955

Details

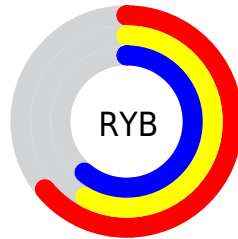
The XYZ color **31.6106, 31.3329, 35.3921** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.3120, 34.8915, 36.5388**, and the grayscale version is **30.3967, 31.9797, 34.8259**.

A 20% lighter version of the original color is **61.5426, 61.7499, 68.9969**, and **13.3289, 12.9284, 14.8896** is the 20% darker color. If you saturate the color by 10%, you get **28.5278, 26.2938, 30.8906**, and if you desaturate by 10%, it is **35.1079, 37.1159, 40.2920**.

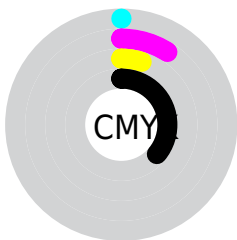
Distribution



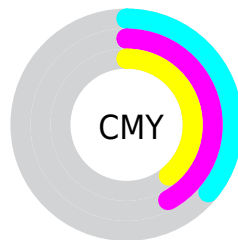
- Red (64%)
- Green (58%)
- Blue (61%)



- Red (64%)
- Yellow (58%)
- Blue (61%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (36%)



- Cyan (36%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.6106, 31.3329, 35.3921 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 31.6106, 31.3329, 35.3921 by changing the saturation by 10% instead.

■ 31.6106, 31.3329,
35.3921

■ 31.6106, 31.3329,
35.3921

301.1185,
308.0691, 341.2524

■ 21.2183, 20.8525,
23.6791

■ 61.5695, 61.7638,
69.2512

■ 13.3971, 13.0162,
14.8858

■ 81.8668, 82.4831,
92.2344

■ 7.7814, 7.4397,
8.5935

106.1965,
107.3841, 119.8114

■ 4.0060, 3.7386,
4.3838

134.9240,
136.8512, 152.4007

■ 1.7055, 1.5284,
1.8382

168.4145,
171.2689, 190.4209

■ 0.4597, 0.3086,
0.4530

207.0336,

■ 0.0000, 0.0000,

211.0215, 234.2906

0.0000

251.1464,
256.4934, 284.4282

■ 31.6106, 31.3329,
35.3921

■ 31.6106, 31.3329,
35.3921

■ 28.5278, 26.2938,
30.8906

■ 35.1079, 37.1159,
40.2920

■ 25.8407, 21.9641,
26.7747

■ 39.0320, 43.6672,
45.5985

■ 23.5330, 18.3127,
23.0337

■ 43.3984, 51.0154,
51.3223

■ 21.5863, 15.3045,
19.6557

■ 48.2206, 59.1862,
57.4729

■ 19.9805, 12.9014,
16.6280

■ 53.5118, 68.2041,
64.0594

■ 18.6934, 11.0611,
13.9369

■ 59.2844, 78.0928,
71.0908

■ 17.7002, 9.7357,
11.5676

■ 63.2421, 84.2577,
77.8062

■ 16.9716, 8.8694,
9.5035

■ 64.3955, 84.7191,
83.8803

■ 16.4492, 8.3472,
7.7180

■ 65.6094, 85.2046,
90.2724

Harmonies

Analogous

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



31.1341, 31.3329, 37.9081



31.6106, 31.3329, 35.3921



31.5895, 31.3329, 32.6608

Triad

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



31.6106, 31.3329, 35.3921



29.2684, 31.3329, 29.2858



28.5214, 31.3329, 38.0782

Complementary

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



31.6106, 31.3329, 35.3921



31.3120, 34.8915, 36.5388

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.



28.0428, 31.3329, 35.6142



31.6106, 31.3329, 35.3921



28.4677, 31.3329, 30.5860

Square

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



31.6106, 31.3329, 35.3921



30.2232, 31.3329, 29.2335



28.0234, 31.3329, 32.8713



29.3431, 31.3329, 39.5144

Rectangle

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



31.6106, 31.3329, 35.3921



31.2958, 31.3329, 31.0862



28.0234, 31.3329, 32.8713



28.3158, 31.3329, 37.3369

Sweetspot

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



31.6115, 31.3343, 35.3928



60.3714, 62.3187, 68.6910



30.9123, 30.8936, 38.9847



13.4477, 13.8120, 15.2719



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.6115, 31.3343, 35.3928



55.4482, 54.2034, 61.7132



31.1192, 31.2631, 32.4128



7.2048, 7.1384, 8.0651



12.7765, 6.4667, 6.0139



0.2923, 0.1454, 0.2518

Inverse Universe

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



31.6115, 31.3343, 35.3928



55.4482, 54.2034, 61.7132



31.8332, 34.9583, 39.7207



7.2048, 7.1384, 8.0651



12.7765, 6.4667, 6.0139



0.2923, 0.1454, 0.2518

Previews

White Background



This preview shows how the XYZ color 31.6106, 31.3329, 35.3921 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 31.6106, 31.3329, 35.3921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

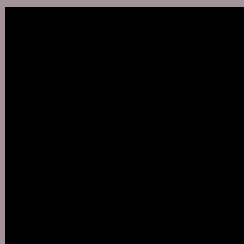
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

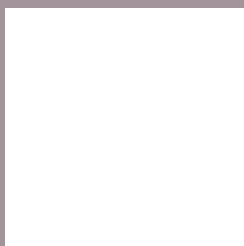
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.6106, 31.3329, 35.3921

Background



This preview shows how black text looks on a background with the XYZ color 31.6106, 31.3329, 35.3921.



This preview shows how white text looks on a background with the XYZ color 31.6106, 31.3329,

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

31.6106, 31.3329, 35.3921

Protanopia

30.2893, 31.3398, 36.3511

Deuteranopia

31.8672, 31.2333, 35.3594



Tritanopia

32.0016, 31.2632, 37.1486

Trichromacy



Original Color

31.6106, 31.3329, 35.3921

Protanomaly

30.8117, 31.3811, 35.8857

Deuteranomaly

31.6600, 31.1265, 35.3497

Tritanomaly

31.9151, 31.2286, 36.6934

Monochromacy



Original Color

31.6106, 31.3329, 35.3921

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.8040, 31.6344, 35.0544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6106, 31.3329, 35.3921 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(163, 148, 155)` looks like.

```
.text, #text, p{  
    color:rgb(163, 148, 155)  
}
```

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(163, 148, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 148, 155) }
```

Border

The CSS property to change the border of an element to XYZ 31.6106, 31.3329, 35.3921 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(163, 148, 155) }
```


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

```
.border{ border-color:rgb(163, 148, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 148, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 148, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 148, 155);  
box-shadow:4px 4px 4px 4px rgb(163, 148,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6106, 31.3329, 35.3921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 148, 155) }
```

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

```
.background{ background-color: rgb(163,  
148, 155) }
```

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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