

Converting Colors

XYZ(31.1286, 32.2837, 35.1626)

Have a look what the booklet for
XYZ(31.1286, 32.2837, 35.1626)
contains.

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Color

**XYZ(31.1286, 32.2837,
35.1626)**

Conversions

Conversions Part 1

Format	Color
Hex	9D999A
RGB	157, 153, 154
RGB Percent	62%, 60%, 60%
CMY	0.3843, 0.4000, 0.3961
CMYK	0.00, 0.03, 0.02, 0.38
HSL	345°, 2%, 61%
HSV	345°, 3%, 62%
XYZ	31.1286, 32.2837, 35.1626
YIQ	154.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

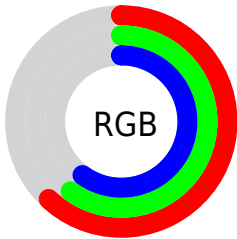
Format	Color
RYB	157, 153, 154
Decimal	10328474
CIELab	63.58, 1.65, -0.01
CIElCh	64, 1.646, 359.496
Yxy	32.2837, 0.3158, 0.3275
Android (android.graphics.Color)	4288518554 (0xFF9D999A)
YUV	154.3100, -0.1528, 2.3591
Hunter-Lab	56.8187, -1.6402, 3.0812

Details

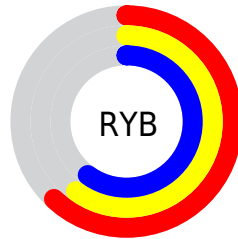
The XYZ color **31.1286, 32.2837, 35.1626** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.1958, 33.2874, 36.2350**, and the grayscale version is **30.8521, 32.4589, 35.3477**.

A 20% lighter version of the original color is **60.8494, 63.1768, 68.6617**, and **13.1434, 13.5462, 14.7539** is the 20% darker color. If you saturate the color by 10%, you get **27.7926, 27.1056, 29.4442**, and if you desaturate by 10%, it is **34.9009, 38.1794, 41.5026**.

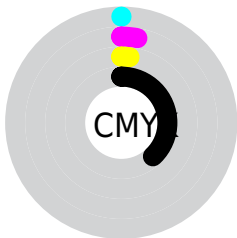
Distribution



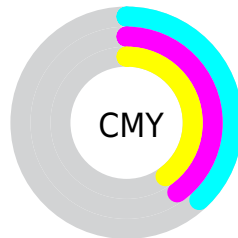
- Red (62%)
- Green (60%)
- Blue (60%)



- Red (62%)
- Yellow (60%)
- Blue (60%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (38%)



- Cyan (38%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1286, 32.2837, 35.1626 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 31.1286, 32.2837, 35.1626 by changing the saturation by 10% instead.

■ 31.1286, 32.2837,
35.1626

■ 31.1286, 32.2837,
35.1626

298.9467,
312.4096, 340.2115

■ 20.8491, 21.5783,
23.5036

■ 60.8169, 63.2556,
68.8920

■ 13.1256, 13.5474,
14.7570

■ 80.9565, 84.2908,
91.7995

■ 7.5927, 7.8065,
8.5043

105.1135,
109.5381, 119.2936

■ 3.8850, 3.9714,
4.3269

133.6532,
139.3819, 151.7928

■ 1.6373, 1.6576,
1.8064

166.9410,
174.2066, 189.7156

■ 0.4165, 0.3960,
0.4321

205.3423,

■ 0.0000, 0.0000,

214.3965, 233.4806

0.0000

249.2224,
260.3360, 283.5064

■ 31.1286, 32.2837,
35.1626

■ 31.1286, 32.2837,
35.1626

■ 27.7926, 27.1056,
29.4442

■ 34.9009, 38.1794,
41.5026

■ 24.8743, 22.6136,
24.3263

■ 39.1219, 44.8143,
48.4802

■ 22.3578, 18.7800,
19.7898

■ 43.8067, 52.2144,
56.1134

■ 20.2251, 15.5737,
15.8137

■ 48.9689, 60.4031,
64.4189

■ 18.4568, 12.9610,
12.3758

■ 54.6218, 69.4027,
73.4127

■ 17.0317, 10.9052,
9.4522

■ 60.7778, 79.2348,
83.1103

■ 15.9265, 9.3651,
7.0172

■ 64.8754, 84.7724,
92.6689

■ 15.1147, 8.2941,
5.0428

■ 66.6494, 85.4820,
102.0106

■ 14.5652, 7.6370,
3.4976

■ 67.7148, 85.9082,
107.6207

Harmonies

Analogous

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



31.0669, 32.2837, 35.7977



31.1286, 32.2837, 35.1626



31.0708, 32.2837, 34.5322

Triad

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



31.1286, 32.2837, 35.1626



30.4677, 32.2837, 34.0616



30.4610, 32.2837, 36.2529

Complementary

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



31.1286, 32.2837, 35.1626



31.1958, 33.2874, 36.2350

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.



30.3017, 32.2837, 35.7781



31.1286, 32.2837, 35.1626



30.3056, 32.2837, 34.5131

Square

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



31.1286, 32.2837, 35.1626



30.6886, 32.2837, 33.9013



30.2450, 32.2837, 35.1403



30.6808, 32.2837, 36.4320

Rectangle

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



31.1286, 32.2837, 35.1626



30.9725, 32.2837, 34.1981



30.2450, 32.2837, 35.1403



30.3986, 32.2837, 36.1223

Sweetspot

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



31.1295, 32.2851, 35.1633



56.7293, 59.3462, 64.6337



31.1884, 32.2862, 36.4867



12.4917, 13.0724, 14.2371



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



31.1295, 32.2851, 35.1633



55.4246, 57.3131, 62.4222



31.2110, 32.5805, 34.7824



7.1335, 7.3491, 8.0041



11.6059, 5.9469, 2.1755



0.2228, 0.1125, 0.1196

Inverse Universe

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



31.1295, 32.2851, 35.1633



55.4246, 57.3131, 62.4222



31.1122, 32.9845, 36.6255



7.1335, 7.3491, 8.0041



11.6059, 5.9469, 2.1755



0.2228, 0.1125, 0.1196

Previews

White Background



This preview shows how the XYZ color 31.1286, 32.2837, 35.1626 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 31.1286, 32.2837, 35.1626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

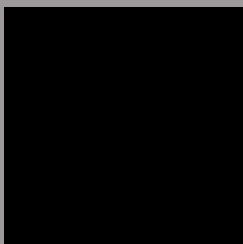
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

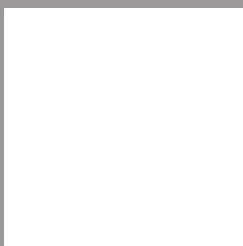
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.1286, 32.2837, 35.1626

Background



This preview shows how black text looks on a background with the XYZ color 31.1286, 32.2837, 35.1626.



This preview shows how white text looks on a background with the XYZ color 31.1286, 32.2837,

35.1626.

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

31.1286, 32.2837, 35.1626

Protanopia

30.9343, 32.1835, 35.1535

Deuteranopia

32.8123, 32.1863, 35.4935



Tritanopia

31.9396, 32.3699, 39.2149

Trichromacy



Original Color

31.1286, 32.2837, 35.1626

Protanomaly

30.9343, 32.1835, 35.1535

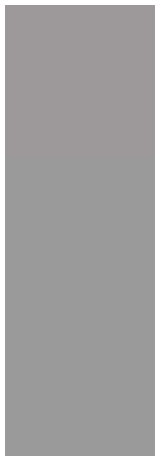
Deuteranomaly

32.1326, 32.0718, 35.5072

Tritanomaly

31.6740, 32.2636, 37.8158

Monochromacy



Original Color

31.1286, 32.2837, 35.1626

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.9059, 32.4129, 35.1992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1286, 32.2837, 35.1626 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(157, 153, 154)` looks like.

```
.text, #text, p{  
    color:rgb(157, 153, 154)  
}
```

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(157, 153, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 153, 154) }
```

Border

The CSS property to change the border of an element to XYZ 31.1286, 32.2837, 35.1626 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(157, 153, 154) }
```


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

```
.border{ border-color:rgb(157, 153, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 153, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 153, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 153, 154);  
box-shadow:4px 4px 4px 4px rgb(157, 153,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1286, 32.2837, 35.1626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 153, 154) }
```

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

```
.background{ background-color: rgb(157,  
153, 154) }
```

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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