

Converting Colors

XYZ(31.2766, 37.2693, 35.2153)

Have a look what the booklet for
XYZ(31.2766, 37.2693, 35.2153)
contains.

XYZ(31.4045, 37.4348, 35.2762)	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(31.4045, 37.4348,
35.2762)**

Conversions

Conversions Part 1

Format	Color
Hex	8DAC98
RGB	141, 172, 152
RGB Percent	55%, 67%, 60%
CMY	0.4471, 0.3255, 0.4039
CMYK	0.18, 0.00, 0.12, 0.33
HSL	141°, 16%, 61%
HSV	141°, 18%, 67%
XYZ	31.4045, 37.4348, 35.2762
YIQ	160.4510, -12.0560, -12.7920

Conversions

Conversions Part 2

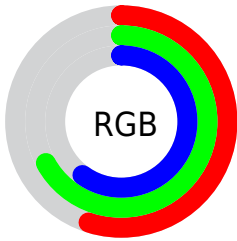
Format	Color
RYB	141, 164, 172
Decimal	9284760
CIELab	67.60, -14.69, 6.78
CIELCh	68, 16.177, 155.230
Yxy	37.4348, 0.3016, 0.3596
Android (android.graphics.Color)	4287474840 (0xFF8DAC98)
YUV	160.4510, -4.1663, -17.0585
Hunter-Lab	61.1840, -15.4515, 8.6446

Details

The XYZ color **31.4045, 37.4348, 35.2762** is a light color, and the websafe version is hex **669999**. A complement of this color would be **32.9725, 30.3945, 37.8487**, and the grayscale version is **33.6453, 35.3975, 38.5478**.

A 20% lighter version of the original color is **61.1153, 70.9965, 68.8751**, and **13.2819, 16.5462, 14.8056** is the 20% darker color. If you saturate the color by 10%, you get **27.8372, 35.6970, 30.5849**, and if you desaturate by 10%, it is **35.5132, 39.4440, 40.4384**.

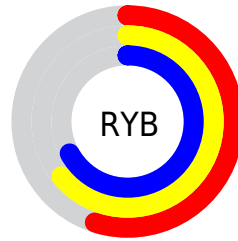
Distribution



Red (55%)

Green (67%)

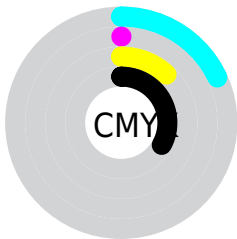
Blue (60%)



Red (55%)

Yellow (64%)

Blue (67%)

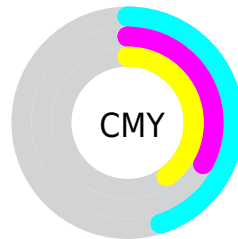


Cyan (18%)

Magenta (0%)

Yellow (12%)

Black (33%)



Cyan (45%)


Magenta (33%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.4045, 37.4348, 35.2762 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 31.4045, 37.4348, 35.2762 by changing the saturation by 10% instead.


 31.4045, 37.4348,
35.2762


 31.4045, 37.4348,
35.2762


300.1913,
335.1892, 340.7270


 21.0604, 25.5443,
23.5905


 61.2479, 71.2410,
69.0698

 13.2809, 16.4831,
14.8207


 81.4779, 93.9255,
92.0148

 7.7006, 9.8666,
8.5484

 105.7338,
120.9768, 119.5500

 3.9541, 5.3106,
4.3551

134.3812,
152.7793, 152.0938

 1.6762, 2.4306,
1.8221

167.7852,
189.7174, 190.0649

 0.4413, 0.8416,
0.4425

206.3114,

 0.0000, 0.0000,

232.1755, 233.8818

0.0000

250.3249,
280.5379, 283.9630

■ 31.4045, 37.4348,
35.2762

■ 31.4045, 37.4348,
35.2762

■ 27.8372, 35.6970,
30.5849

■ 35.5132, 39.4440,
40.4384

■ 24.7850, 34.2141,
26.3488

■ 40.1819, 41.7307,
46.0817

■ 22.2239, 32.9751,
22.5548

■ 45.4323, 44.3070,
52.2191

■ 20.1268, 31.9664,
19.1886

■ 51.2838, 47.1825,
58.8623

■ 18.4638, 31.1728,
16.2347

■ 57.7550, 50.3668,
66.0227

■ 17.2015, 30.5773,
13.6769

■ 64.8637, 53.8687,
73.7112

■ 16.3009, 30.1603,
11.4976

■ 70.2317, 56.4619,
81.8264

■ 15.6992, 29.8898,
9.6771

■ 71.8377, 57.1043,
90.2832

■ 15.5964, 29.8438,
9.3575

■ 73.5446, 57.7871,
99.2717

Harmonies

Analogous

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



32.8873, 37.4348, 30.5461



31.4045, 37.4348, 35.2762



31.0188, 37.4348, 42.0239

Triad

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



31.4045, 37.4348, 35.2762



36.0192, 37.4348, 56.0113



39.6403, 37.4348, 33.3449

Complementary

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



31.4045, 37.4348, 35.2762



32.9725, 30.3945, 37.8487

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.



40.5692, 37.4348, 39.5220



31.4045, 37.4348, 35.2762



38.4171, 37.4348, 53.0296

Square

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



31.4045, 37.4348, 35.2762



33.6104, 37.4348, 54.5344



40.1115, 37.4348, 46.7848



37.6264, 37.4348, 29.5256

Rectangle

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



31.4045, 37.4348, 35.2762



31.4194, 37.4348, 46.8942



40.1115, 37.4348, 46.7848



40.0940, 37.4348, 35.1857

Sweetspot

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



31.4055, 37.4364, 35.2770



66.8015, 72.7178, 76.2707



34.2898, 39.0226, 30.9245



14.3962, 15.7439, 16.4275



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



31.4055, 37.4364, 35.2770



54.0250, 66.4744, 60.1719



32.7457, 37.9724, 42.3343



8.0175, 8.9846, 9.1171



11.6297, 22.2172, 7.0899



0.3500, 0.6287, 0.3367

Inverse Universe

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



32.9725, 30.3945, 37.8487



57.4490, 51.0830, 65.7888



31.7003, 29.8856, 31.1499



8.2146, 8.0991, 9.4408



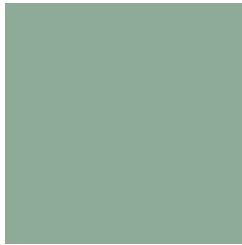
14.8215, 7.3911, 11.9713



0.4371, 0.2155, 0.4633

Previews

White Background



This preview shows how the XYZ color 31.4045, 37.4348, 35.2762 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 31.4045, 37.4348, 35.2762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

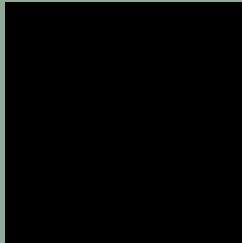
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.4045, 37.4348, 35.2762

Background



This preview shows how black text looks on a background with the XYZ color 31.4045, 37.4348, 35.2762.



This preview shows how white text looks on a background with the XYZ color 31.4045, 37.4348,

35.2762.

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

31.4045, 37.4348, 35.2762

Protanopia

35.4153, 37.3470, 33.3591

Deuteranopia

38.0817, 37.3532, 36.2131



Tritanopia

34.1972, 37.4525, 49.1427

Trichromacy



Original Color

31.4045, 37.4348, 35.2762

Protanomaly

33.7407, 37.2809, 33.8514

Deuteranomaly

35.2566, 37.2088, 35.8957

Tritanomaly

32.9453, 37.2075, 43.4756

Monochromacy



Original Color

31.4045, 37.4348, 35.2762

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.4981, 35.7575, 37.0874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4045, 37.4348, 35.2762 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(141, 172, 152)` looks like.

```
.text, #text, p{  
    color:rgb(141, 172, 152)  
}
```

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(141, 172, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 172, 152) }
```

Border

The CSS property to change the border of an element to XYZ 31.4045, 37.4348, 35.2762 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(141, 172, 152) }
```


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

```
.border{ border-color:rgb(141, 172, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 172, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 172, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 172, 152);  
box-shadow:4px 4px 4px 4px rgb(141, 172,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4045, 37.4348, 35.2762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 172, 152) }
```

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

```
.background{ background-color: rgb(141,  
172, 152) }
```

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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