

Converting Colors

XYZ(37.9933, 44.5485, 48.0140)

Have a look what the booklet for
XYZ(37.9933, 44.5485, 48.0140)
contains.

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Color

**XYZ(37.8625, 44.3563,
48.1610)**

Conversions

Conversions Part 1

Format	Color
Hex	96B9B1
RGB	150, 185, 177
RGB Percent	59%, 73%, 69%
CMY	0.4118, 0.2745, 0.3059
CMYK	0.19, 0.00, 0.04, 0.27
HSL	166°, 20%, 66%
HSV	166°, 19%, 73%
XYZ	37.8625, 44.3563, 48.1610
YIQ	173.6230, -18.2920, -9.9080

Conversions

Conversions Part 2

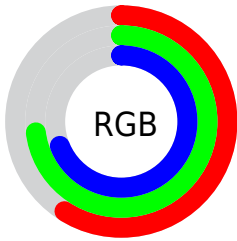
Format	Color
RYB	150, 170, 185
Decimal	9877937
CIELab	72.47, -13.42, 0.14
CIELCh	72, 13.422, 179.391
Yxy	44.3563, 0.2904, 0.3402
Android (android.graphics.Color)	4288068017 (0xFF96B9B1)
YUV	173.6230, 1.6649, -20.7174
Hunter-Lab	66.6005, -15.0734, 3.7458

Details

The XYZ color **37.8625, 44.3563, 48.1610** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.0871, 34.5969, 37.0730**, and the grayscale version is **40.0383, 42.1234, 45.8724**.

A 20% lighter version of the original color is **71.3401, 81.7729, 89.1145**, and **17.0349, 20.6104, 22.1492** is the 20% darker color. If you saturate the color by 10%, you get **34.3085, 42.5733, 45.8286**, and if you desaturate by 10%, it is **41.9696, 46.4253, 50.5894**.

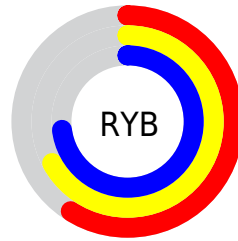
Distribution



Red (59%)

Green (73%)

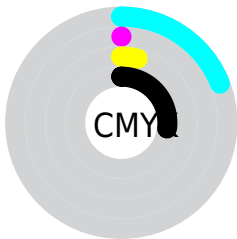
Blue (69%)



Red (59%)

Yellow (67%)

Blue (73%)

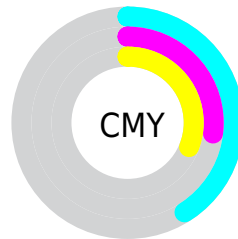


Cyan (19%)

Magenta (0%)

Yellow (4%)

Black (27%)



Cyan (41%)

Magenta (27%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.8625, 44.3563, 48.1610 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 37.8625, 44.3563, 48.1610 by changing the saturation by 10% instead.

■ 37.8625, 44.3563,
48.1610

■ 37.8625, 44.3563,
48.1610

328.3208,
364.1603, 395.9570

■ 26.0527, 30.9507,
33.5935

■ 71.2026, 81.7536,
88.8121

■ 16.9960, 20.5613,
22.3067

■ 93.4636, 106.5141,
115.7328

■ 10.3269, 12.8037,
13.8819

119.9391,
135.8284, 147.6083

■ 5.6802, 7.2935,
7.9008

150.9944,
170.0809, 184.8572

■ 2.6904, 3.6463,
3.9447

186.9949,
209.6559, 227.8980

■ 0.9922, 1.4778,
1.5950

228.3059,

■ 0.0000, 0.2730,

254.9379, 277.1492

0.2873

275.2927,
306.3112, 333.0293

■ 0.0000, 0.0000,
0.0000

■ 37.8625, 44.3563,
48.1610

■ 37.8625, 44.3563,
48.1610

■ 34.3085, 42.5733,
45.8286

■ 41.9696, 46.4253,
50.5894

■ 31.2785, 41.0577,
43.5873

■ 46.6497, 48.7870,
53.1126

■ 28.7464, 39.7974,
41.4364

■ 51.9261, 51.4545,
55.7330

■ 26.6827, 38.7770,
39.3738

■ 57.8200, 54.4389,
58.4524

■ 25.0540, 37.9795,
37.3973

■ 64.3513, 57.7502,
61.2722

■ 23.8231, 37.3855,
35.5044

■ 69.2955, 60.2418,
64.0889

■ 22.9459, 36.9725,
33.6926

■ 69.8046, 60.4455,
66.7698

■ 22.3451, 36.7006,
31.9576

■ 70.3275, 60.6546,
69.5235

■ 22.2854, 36.6738,
31.7741

■ 70.8644, 60.8694,
72.3508

Harmonies

Analogous

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



38.4426, 44.3563, 42.0909



37.8625, 44.3563, 48.1610



38.3981, 44.3563, 54.8278

Triad

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



37.8625, 44.3563, 48.1610



44.3821, 44.3563, 60.2790



44.4670, 44.3563, 38.1332

Complementary

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



37.8625, 44.3563, 48.1610



37.0871, 34.5969, 37.0730

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.



46.1585, 44.3563, 42.3056



37.8625, 44.3563, 48.1610



46.1082, 44.3563, 55.0838

Square

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



37.8625, 44.3563, 48.1610



42.1120, 44.3563, 62.2005



46.7695, 44.3563, 48.4322



42.2067, 44.3563, 36.6361

Rectangle

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



37.8625, 44.3563, 48.1610



39.3275, 44.3563, 58.6369



46.7695, 44.3563, 48.4322



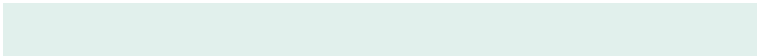
45.1240, 44.3563, 39.2493

Sweetspot

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



37.8638, 44.3581, 48.1620



77.4227, 84.2825, 91.8585



36.9888, 44.1879, 35.4346



16.5781, 18.1127, 19.7407



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



37.8638, 44.3581, 48.1620



64.8539, 77.9558, 84.3708



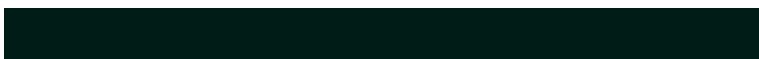
36.7961, 40.9086, 51.8579



9.1764, 10.1746, 11.0865



15.2024, 24.9819, 21.7856



0.5578, 0.8894, 0.8831

Inverse Universe

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



37.0871, 34.5969, 37.0730



63.1903, 57.0298, 60.6051



37.9697, 37.4288, 34.0783



9.0865, 9.0450, 9.8028



13.9352, 7.1478, 2.2796



0.5154, 0.2616, 0.2075

Previews

White Background



This preview shows how the XYZ color 37.8625, 44.3563, 48.1610 looks on a white background.

Color Contrast Check

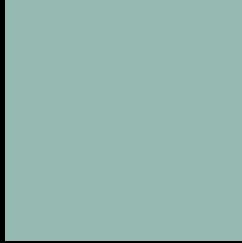
Large Text (above 18pt) WCAG AA × Fail

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 37.8625, 44.3563, 48.1610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

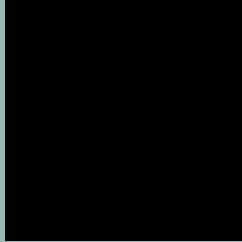
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

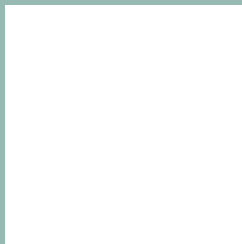
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.8625, 44.3563, 48.1610

Background



This preview shows how black text looks on a background with the XYZ color 37.8625, 44.3563, 48.1610.



This preview shows how white text looks on a background with the XYZ color 37.8625, 44.3563,

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

37.8625, 44.3563, 48.1610

Protanopia

42.4599, 44.3679, 45.3557

Deuteranopia

44.9831, 44.1378, 49.3286



Tritanopia

40.1324, 44.3571, 59.2699

Trichromacy



Original Color

37.8625, 44.3563, 48.1610

Protanomaly

40.5388, 44.2446, 46.4478

Deuteranomaly

41.9903, 44.0461, 48.9364

Tritanomaly

39.3646, 44.3570, 55.2022

Monochromacy



Original Color

37.8625, 44.3563, 48.1610

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.1753, 42.9353, 46.7800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8625, 44.3563, 48.1610 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(150, 185, 177)` looks like.

```
.text, #text, p{  
    color:rgb(150, 185, 177)  
}
```

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(150, 185, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 185, 177) }
```

Border

The CSS property to change the border of an element to XYZ 37.8625, 44.3563, 48.1610 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(150, 185, 177) }
```


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

```
.border{ border-color:rgb(150, 185, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 185, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 185, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 185, 177); box-shadow:4px 4px 4px 4px rgb(150, 185, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8625, 44.3563, 48.1610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 185, 177) }
```

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

```
.background{ background-color: rgb(150,  
185, 177) }
```

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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