

Converting Colors

XYZ(41.6295, 43.9679, 48.1548)

Have a look what the booklet for
XYZ(41.6295, 43.9679, 48.1548)
contains.

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Color

**XYZ(41.6625, 43.8887,
48.3950)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B1B2
RGB	176, 177, 178
RGB Percent	69%, 69%, 70%
CMY	0.3098, 0.3059, 0.3020
CMYK	0.01, 0.01, 0.00, 0.30
HSL	210°, 1%, 69%
HSV	210°, 1%, 70%
XYZ	41.6625, 43.8887, 48.3950
YIQ	176.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

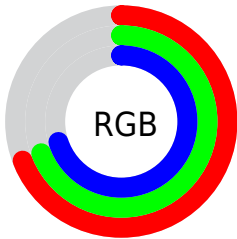
Format	Color
RYB	176, 177, 178
Decimal	11579826
CIELab	72.15, -0.16, -0.64
CIELCh	72, 0.661, 256.068
Yxy	43.8887, 0.3110, 0.3277
Android (android.graphics.Color)	4289769906 (0xFFB0B1B2)
YUV	176.8150, 0.5842, -0.7148
Hunter-Lab	66.2485, -3.6796, 3.0622

Details

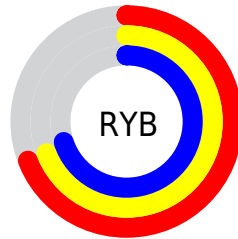
The XYZ color **41.6625, 43.8887, 48.3950** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9188, 44.0434, 47.3668**, and the grayscale version is **41.6913, 43.8625, 47.7662**.

A 20% lighter version of the original color is **77.2689, 81.3741, 89.4762**, and **19.2215, 20.1811, 22.2843** is the 20% darker color. If you saturate the color by 10%, you get **36.2028, 38.5572, 47.6543**, and if you desaturate by 10%, it is **47.7665, 49.7240, 49.2003**.

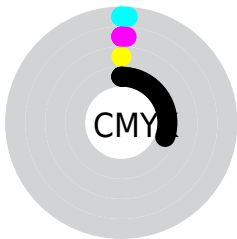
Distribution



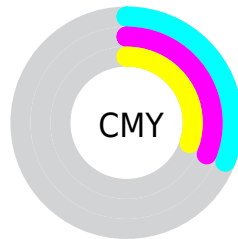
- Red (69%)
- Green (69%)
- Blue (70%)



- Red (69%)
- Yellow (69%)
- Blue (70%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (30%)



- Cyan (31%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6625, 43.8887, 48.3950 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 41.6625, 43.8887, 48.3950 by changing the saturation by 10% instead.

■ 41.6625, 43.8887,
48.3950

■ 41.6625, 43.8887,
48.3950

344.0974,
362.2539, 396.9095

■ 29.0271, 30.5830,
33.7776

■ 76.9570, 81.0502,
89.1639

■ 19.2457, 20.2815,
22.4468

100.3467,
105.6749, 116.1525

■ 11.9530, 12.5999,
13.9841

128.0519,
134.8413, 148.1018

■ 6.7836, 7.1536,
7.9710

160.4379,
168.9339, 185.4305

■ 3.3723, 3.5583,
3.9889

197.8701,
208.3371, 228.5571

■ 1.3536, 1.4297,
1.6193

240.7139,

■ 0.2228, 0.2385,

253.4352, 277.9001

0.3045

289.3345,
304.6127, 333.8780

■ 0.0000, 0.0000,
0.0000

■ 41.6625, 43.8887,
48.3950

■ 41.6625, 43.8887,
48.3950

■ 36.2028, 38.5572,
47.6543

■ 47.7665, 49.7240,
49.2003

■ 31.3611, 33.7092,
46.9738

■ 54.5323, 56.0716,
50.0689

■ 27.1148, 29.3308,
46.3524

■ 61.9816, 62.9469,
51.0033

■ 23.4383, 25.4055,
45.7886

■ 70.1338, 70.3628,
52.0051

■ 20.3040, 21.9156,
45.2801

■ 75.2315, 76.3853,
52.8989

■ 17.6821, 18.8421,
44.8251

■ 77.6421, 81.2065,
53.7024

■ 15.5392, 16.1641,
44.4211

■ 80.1785, 86.2793,
54.5479

■ 13.8378, 13.8582,
44.0657

■ 82.8424, 91.6072,
55.4358

■ 12.5337, 11.8976,
43.7560

■ 85.0360, 95.9944,
56.1670

Harmonies

Analogous

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



41.5640, 43.8887, 48.2377



41.6625, 43.8887, 48.3950



41.7752, 43.8887, 48.3889

Triad

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



41.6625, 43.8887, 48.3950



41.9244, 43.8887, 47.6150



41.5583, 43.8887, 47.3561

Complementary

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



41.6625, 43.8887, 48.3950



41.9188, 44.0434, 47.3668

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.



41.6547, 43.8887, 47.1907



41.6625, 43.8887, 48.3950



41.8661, 43.8887, 47.3398

Square

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



41.6625, 43.8887, 48.3950



41.9265, 43.8887, 47.9376



41.7673, 43.8887, 47.1848



41.5040, 43.8887, 47.6374

Rectangle

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



41.6625, 43.8887, 48.3950



41.8432, 43.8887, 48.2931



41.7673, 43.8887, 47.1848



41.5869, 43.8887, 47.2852

Sweetspot

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



41.6637, 43.8906, 48.3960



76.7382, 80.7346, 87.9200



41.7580, 44.2446, 47.9174



17.0014, 17.8868, 19.4787



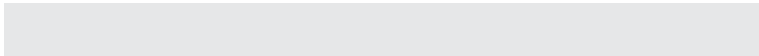
86.6293, 91.1408, 99.2523

Same Dimension

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



41.6637, 43.8906, 48.3960



75.6650, 79.6993, 87.7767



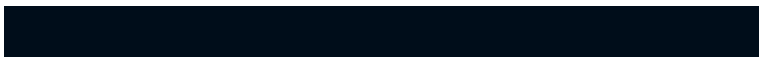
41.4729, 43.5089, 48.3323



9.4283, 9.9300, 10.9261



8.3843, 7.5690, 31.1561



0.3221, 0.3548, 0.9997

Inverse Universe

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



41.8222, 43.6908, 47.8260



75.9252, 79.3708, 86.8406



42.1110, 44.4278, 47.4309



9.4580, 9.8925, 10.8193



14.4667, 7.3042, 7.6175



0.4846, 0.2416, 0.3947

Previews

White Background



This preview shows how the XYZ color 41.6625, 43.8887, 48.3950 looks on a white background.

Color Contrast Check

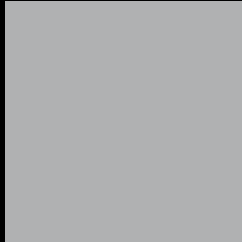
Large Text (above 18pt) WCAG AA × Fail

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 41.6625, 43.8887, 48.3950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

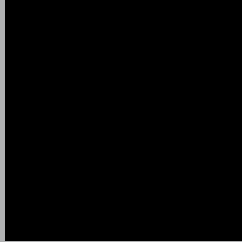
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

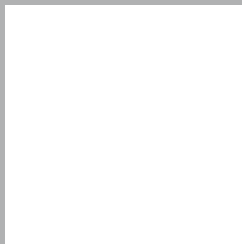
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.6625, 43.8887, 48.3950

Background



This preview shows how black text looks on a background with the XYZ color 41.6625, 43.8887, 48.3950.

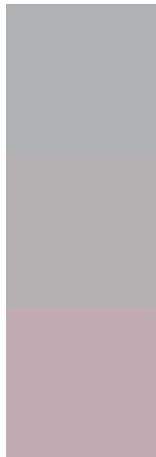


This preview shows how white text looks on a background with the XYZ color 41.6625, 43.8887,

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

41.6625, 43.8887, 48.3950

Protanopia

42.2835, 43.9283, 47.8454

Deuteranopia

44.6919, 43.7179, 48.7307



Tritanopia

42.8754, 43.7990, 54.3384

Trichromacy



Original Color

41.6625, 43.8887, 48.3950

Protanomaly

42.0516, 43.8087, 47.8345

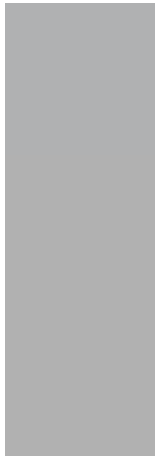
Deuteranomaly

43.5738, 43.7066, 48.7875

Tritanomaly

42.4138, 43.9006, 52.1372

Monochromacy



Original Color

41.6625, 43.8887, 48.3950

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.7894, 43.9657, 47.8787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6625, 43.8887, 48.3950 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(176, 177, 178)` looks like.

```
.text, #text, p{  
    color:rgb(176, 177, 178)  
}
```

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(176, 177, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 177, 178) }
```

Border

The CSS property to change the border of an element to XYZ 41.6625, 43.8887, 48.3950 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(176, 177, 178) }
```

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

```
.border{ border-color:rgb(176, 177, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 177, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 177, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 177, 178);  
box-shadow:4px 4px 4px 4px rgb(176, 177,  
178) }
```


Background

The CSS property to change the background color of an element to XYZ 41.6625, 43.8887, 48.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 177, 178) }
```

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

```
.background{ background-color: rgb(176,  
177, 178) }
```

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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