

Converting Colors

XYZ(44.2374, 48.2670, 48.6876)

Have a look what the booklet for
XYZ(44.2374, 48.2670, 48.6876)
contains.

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Color

**XYZ(44.2965, 48.2987,
48.5829)**

Conversions

Conversions Part 1

Format	Color
Hex	B3BBB1
RGB	179, 187, 177
RGB Percent	70%, 73%, 69%
CMY	0.2980, 0.2666, 0.3059
CMYK	0.04, 0.00, 0.05, 0.27
HSL	108°, 7%, 71%
HSV	108°, 5%, 73%
XYZ	44.2965, 48.2987, 48.5829
YIQ	183.4680, -1.5580, -4.8060

Conversions

Conversions Part 2

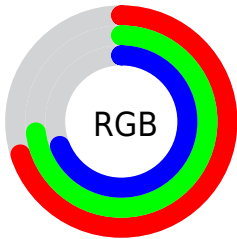
Format	Color
RYB	177, 187, 185
Decimal	11778993
CIELab	75.01, -4.64, 4.09
CIELCh	75, 6.186, 138.607
Yxy	48.2987, 0.3138, 0.3421
Android (android.graphics.Color)	4289969073 (0xFFB3BBB1)
YUV	183.4680, -3.1887, -3.9184
Hunter-Lab	69.4973, -7.8470, 7.2007

Details

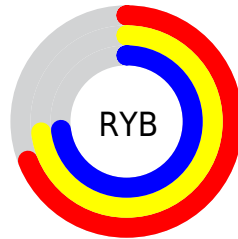
The XYZ color **44.2965, 48.2987, 48.5829** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.7014, 45.3478, 53.4133**, and the grayscale version is **45.2855, 47.6439, 51.8842**.

A 20% lighter version of the original color is **81.0195, 87.6465, 89.7381**, and **20.7674, 22.9411, 22.4023** is the 20% darker color. If you saturate the color by 10%, you get **39.2865, 45.9182, 39.2762**, and if you desaturate by 10%, it is **49.9400, 50.9791, 59.2546**.

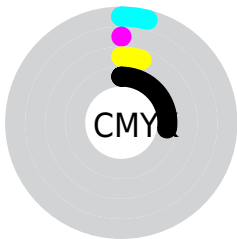
Distribution



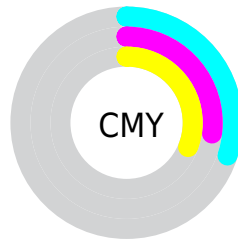
- Red (70%)
- Green (73%)
- Blue (69%)



- Red (69%)
- Yellow (73%)
- Blue (73%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (27%)



- Cyan (30%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2965, 48.2987, 48.5829 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 44.2965, 48.2987, 48.5829 by changing the saturation by 10% instead.

■ 44.2965, 48.2987,
48.5829

■ 44.2965, 48.2987,
48.5829

354.7487,
379.9749, 397.6731

■ 31.1026, 34.0635,
33.9255

■ 80.9073, 87.6490,
89.4462

■ 20.8292, 22.9424,
22.5594

105.0549,
113.5328, 116.4892

■ 13.1109, 14.5510,
14.0663

133.5844,
144.0684, 148.4977

■ 7.5825, 8.5049,
8.0275

166.8613,
179.6399, 185.8904

■ 3.8785, 4.4197,
4.0245

205.2508,
220.6320, 229.0857

■ 1.6336, 1.9110,
1.6388

249.1182,

■ 0.4142, 0.5550,

267.4289, 278.5023

0.3183

298.8291,
320.4151, 334.5586

■ 0.0000, 0.0000,
0.0000

■ 44.2965, 48.2987,
48.5829

■ 44.2965, 48.2987,
48.5829

■ 39.2865, 45.9182,
39.2762

■ 49.9400, 50.9791,
59.2546

■ 34.8837, 43.8209,
31.2765

■ 56.2340, 53.9628,
71.3401

■ 31.0659, 41.9982,
24.5262

■ 63.2000, 57.2612,
84.8893

■ 27.8079, 40.4384,
18.9621

■ 70.8573, 60.8833,
99.9491

■ 25.0827, 39.1292,
14.5157

■ 76.6264, 63.7984,
102.8834

■ 22.8610, 38.0569,
11.1113

■ 77.0613, 64.0226,
102.9038

■ 21.1106, 37.2069,
8.6639

■ 19.7952, 36.5626,
7.0752

■ 18.8722, 36.1046,
6.2240

Harmonies

Analogous

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



45.2170, 48.2987, 46.9122



44.2965, 48.2987, 48.5829



43.8103, 48.2987, 51.3700

Triad

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



44.2965, 48.2987, 48.5829



45.4788, 48.2987, 58.9246



47.9955, 48.2987, 50.6295

Complementary

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



44.2965, 48.2987, 48.5829



44.7014, 45.3478, 53.4133

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.



48.0684, 48.2987, 53.8272



44.2965, 48.2987, 48.5829



46.6029, 48.2987, 58.7064

Square

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



44.2965, 48.2987, 48.5829



44.4854, 48.2987, 57.3942



47.5550, 48.2987, 56.8096



47.3574, 48.2987, 48.0599

Rectangle

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



44.2965, 48.2987, 48.5829



43.7926, 48.2987, 53.5254



47.5550, 48.2987, 56.8096



48.0873, 48.2987, 51.6638

Sweetspot

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



44.2978, 48.3008, 48.5840



82.5573, 88.0332, 93.0722



45.7804, 48.4393, 48.5326



18.2031, 19.3971, 20.5386



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



44.2978, 48.3008, 48.5840



78.6232, 86.1646, 85.6791



44.1415, 48.1853, 50.1555



9.9109, 10.8953, 10.7580



12.8273, 24.7886, 4.1086



0.5562, 0.9987, 0.1635

Inverse Universe

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



44.7014, 45.3478, 53.4133



79.4428, 80.1668, 95.4880



44.8692, 45.4711, 51.7613



10.0222, 10.0809, 12.0898



14.8582, 6.9458, 32.9504



0.6304, 0.2970, 1.2930

Previews

White Background



This preview shows how the XYZ color 44.2965, 48.2987, 48.5829 looks on a white background.

Color Contrast Check

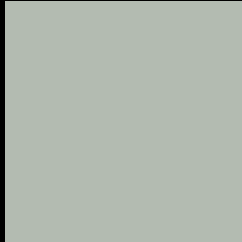
Large Text (above 18pt) WCAG AA × Fail

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 44.2965, 48.2987, 48.5829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

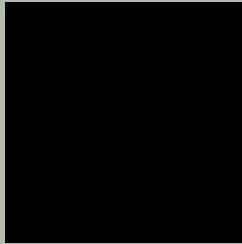
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

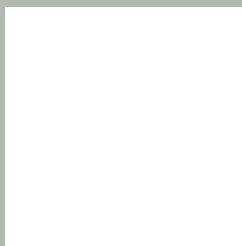
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.2965, 48.2987, 48.5829

Background



This preview shows how black text looks on a background with the XYZ color 44.2965, 48.2987, 48.5829.



This preview shows how white text looks on a background with the XYZ color 44.2965, 48.2987,

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

44.2965, 48.2987, 48.5829

Protanopia

46.1136, 48.3233, 47.4543

Deuteranopia

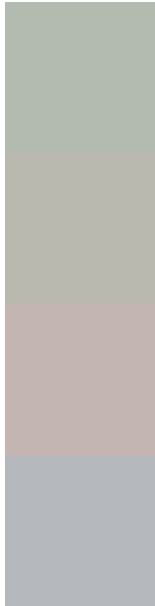
48.9589, 47.9328, 49.3194



Tritanopia

46.6249, 48.3033, 60.2921

Trichromacy



Original Color

44.2965, 48.2987, 48.5829

Protanomaly

45.4351, 48.2716, 47.9970

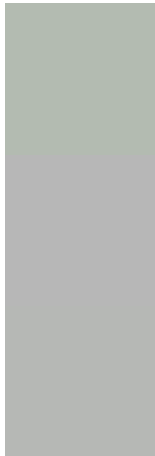
Deuteranomaly

47.0654, 47.8642, 48.8776

Tritanomaly

45.6993, 48.2394, 55.6177

Monochromacy



Original Color

44.2965, 48.2987, 48.5829

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.7724, 47.5623, 50.5367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2965, 48.2987, 48.5829 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(179, 187, 177) looks like.

```
.text, #text, p{  
    color:rgb(179, 187, 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(179, 187, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 187, 177) }
```

Border

The CSS property to change the border of an element to XYZ 44.2965, 48.2987, 48.5829 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(179, 187, 177) }
```


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

```
.border{ border-color:rgb(179, 187, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 187, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 187, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 187, 177);  
box-shadow:4px 4px 4px 4px rgb(179, 187,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2965, 48.2987, 48.5829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 187, 177) }
```

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

```
.background{ background-color: rgb(179,  
187, 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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