

Converting Colors

XYZ(43.1208, 47.9725, 44.7120)

Have a look what the booklet for
XYZ(43.1208, 47.9725, 44.7120)
contains.

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Color

**XYZ(43.2761, 48.1781,
44.5545)**

Conversions

Conversions Part 1

Format	Color
Hex	B1BCA9
RGB	177, 188, 169
RGB Percent	69%, 74%, 66%
CMY	0.3059, 0.2627, 0.3372
CMYK	0.06, 0.00, 0.10, 0.26
HSL	95°, 12%, 70%
HSV	95°, 10%, 74%
XYZ	43.2761, 48.1781, 44.5545
YIQ	182.5450, -0.4570, -8.2410

Conversions

Conversions Part 2

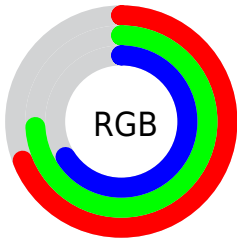
Format	Color
RYB	169, 188, 180
Decimal	11648169
CIELab	74.94, -7.31, 8.31
CIELCh	75, 11.067, 131.365
Yxy	48.1781, 0.3182, 0.3542
Android (android.graphics.Color)	4289838249 (0xFFB1BCA9)
YUV	182.5450, -6.6777, -4.8630
Hunter-Lab	69.4104, -10.1769, 10.5291

Details

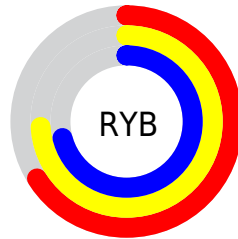
The XYZ color **43.2761, 48.1781, 44.5545** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.0893, 41.7114, 53.4122**, and the grayscale version is **44.7973, 47.1303, 51.3249**.

A 20% lighter version of the original color is **79.4095, 87.4068, 83.2069**, and **20.1870, 22.8974, 20.1853** is the 20% darker color. If you saturate the color by 10%, you get **39.2554, 46.2962, 35.8062**, and if you desaturate by 10%, it is **47.7511, 50.2677, 54.6509**.

Distribution



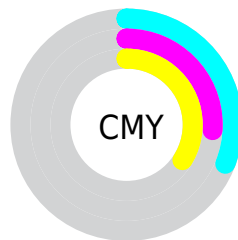
- Red (69%)
- Green (74%)
- Blue (66%)



- Red (66%)
- Yellow (74%)
- Blue (71%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (26%)





- Cyan (31%)
- Magenta (26%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2761, 48.1781, 44.5545 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 43.2761, 48.1781, 44.5545 by changing the saturation by 10% instead.


 43.2761, 48.1781,
44.5545

 43.2761, 48.1781,
44.5545


350.6483,
379.4976, 381.0736

 30.2973, 33.9679,
30.7663


 79.3805, 87.4695,
83.3628

 20.2135, 22.8690,
20.1640


103.2367,
113.3196, 109.2200

 12.6595, 14.4968,
12.3290


131.4494,
143.8184, 139.9373

 7.2699, 8.4670,
6.8429

164.3841,
179.3504, 175.9332

 3.6793, 4.3952,
3.2871

202.4059,
220.2999, 217.6262

 1.5223, 1.8970,
1.2430

245.8803,

 0.3410, 0.5466,

267.0513, 265.4349

0.0144

295.1727,
319.9891, 319.7779

■ 0.0000, 0.0000,
0.0000

■ 43.2761, 48.1781,
44.5545

■ 43.2761, 48.1781,
44.5545

■ 39.2554, 46.2962,
35.8062

■ 47.7511, 50.2677,
54.6509

■ 35.6696, 44.6091,
28.3458

■ 52.6911, 52.5650,
66.1458

■ 32.5039, 43.1118,
22.1133

■ 58.1112, 55.0783,
79.0909

■ 29.7407, 41.7967,
17.0427

■ 64.0247, 57.8132,
93.5344

■ 27.3612, 40.6557,
13.0617

■ 69.1286, 60.2491,
102.5935

■ 25.3448, 39.6799,
10.0901

■ 72.7612, 62.1218,
102.7635

■ 23.6687, 38.8595,
8.0364

■ 76.6164, 64.1092,
102.9439

■ 22.3062, 38.1832,
6.7927

■ 77.2742, 64.4483,
102.9747

■ 21.2206, 37.6367,
6.1462

Harmonies

Analogous

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



45.0318, 48.1781, 42.3034



43.2761, 48.1781, 44.5545



42.2139, 48.1781, 48.9876

Triad

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



43.2761, 48.1781, 44.5545



44.5635, 48.1781, 63.7036



49.7008, 48.1781, 50.2991

Complementary

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



43.2761, 48.1781, 44.5545



42.0893, 41.7114, 53.4122

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.



49.5664, 48.1781, 56.0881



43.2761, 48.1781, 44.5545



46.5604, 48.1781, 64.1195

Square

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



43.2761, 48.1781, 44.5545



42.9420, 48.1781, 60.1465



48.4032, 48.1781, 61.2444



48.7650, 48.1781, 45.4539

Rectangle

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



43.2761, 48.1781, 44.5545



42.0226, 48.1781, 52.7227



48.4032, 48.1781, 61.2444



49.7800, 48.1781, 52.1937

Sweetspot

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



43.2774, 48.1802, 44.5555



84.0661, 89.9462, 93.4011



44.1765, 46.1062, 44.1078



17.9349, 19.2758, 19.7607



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.



43.2774, 48.1802, 44.5555



76.8407, 86.5717, 77.2361



41.6278, 47.3159, 45.1023



9.7792, 10.8406, 10.1537



14.5283, 25.6655, 4.1882



0.6438, 1.0439, 0.1676

Inverse Universe

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



42.0893, 41.7114, 53.4122



74.2791, 72.6259, 96.3295



43.8699, 42.6450, 52.7856



9.5313, 9.4907, 12.0018



10.5485, 4.7240, 32.7488



0.4863, 0.2227, 1.2862

Previews

White Background



This preview shows how the XYZ color 43.2761, 48.1781, 44.5545 looks on a white background.

Color Contrast Check

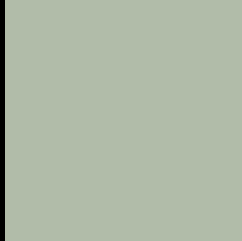
Large Text (above 18pt) WCAG AA × Fail

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 43.2761, 48.1781, 44.5545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

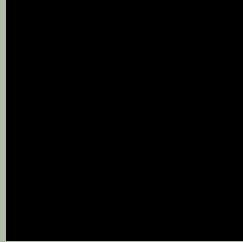
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

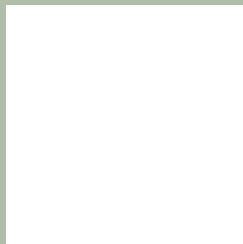
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.2761, 48.1781, 44.5545

Background



This preview shows how black text looks on a background with the XYZ color 43.2761, 48.1781, 44.5545.



This preview shows how white text looks on a background with the XYZ color 43.2761, 48.1781,

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

43.2761, 48.1781, 44.5545

Protanopia

45.8538, 48.2775, 43.4609

Deuteranopia

49.0032, 48.0465, 45.2192



Tritanopia

46.3896, 48.1820, 60.2811

Trichromacy



Original Color

43.2761, 48.1781, 44.5545

Protanomaly

44.9104, 48.0899, 43.9610

Deuteranomaly

46.7486, 48.0939, 44.8494

Tritanomaly

45.1410, 47.9891, 53.8973

Monochromacy



Original Color

43.2761, 48.1781, 44.5545

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.4409, 47.7360, 48.9912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2761, 48.1781, 44.5545 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(177, 188, 169)` looks like.

```
.text, #text, p{  
    color:rgb(177, 188, 169)  
}
```

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(177, 188, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 188, 169) }
```

Border

The CSS property to change the border of an element to XYZ 43.2761, 48.1781, 44.5545 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(177, 188, 169) }
```


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

```
.border{ border-color:rgb(177, 188, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 188, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 188, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 188, 169);  
box-shadow:4px 4px 4px 4px rgb(177, 188,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2761, 48.1781, 44.5545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 188, 169) }
```

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

```
.background{ background-color: rgb(177,  
188, 169) }
```

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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