

Converting Colors

XYZ(42.6809, 46.5384, 42.4563)

Have a look what the booklet for
XYZ(42.6809, 46.5384, 42.4563)
contains.

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Color

**XYZ(42.7544, 46.7009,
42.3581)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B8A5
RGB	180, 184, 165
RGB Percent	71%, 72%, 65%
CMY	0.2941, 0.2784, 0.3529
CMYK	0.02, 0.00, 0.10, 0.28
HSL	73°, 12%, 68%
HSV	73°, 10%, 72%
XYZ	42.7544, 46.7009, 42.3581
YIQ	180.6380, 3.7150, -6.7570

Conversions

Conversions Part 2

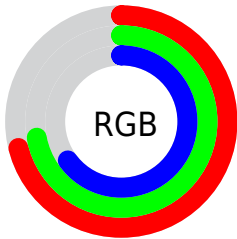
Format	Color
RYB	165, 184, 169
Decimal	11843749
CIELab	74.00, -4.82, 9.17
CIELCh	74, 10.357, 117.722
Yxy	46.7009, 0.3244, 0.3543
Android (android.graphics.Color)	4290033829 (0xFFB4B8A5)
YUV	180.6380, -7.7095, -0.5595
Hunter-Lab	68.3381, -7.9165, 11.0868

Details

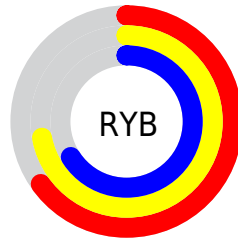
The XYZ color **42.7544, 46.7009, 42.3581** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **38.4709, 38.8073, 50.8128**, and the grayscale version is **43.7655, 46.0447, 50.1427**.

A 20% lighter version of the original color is **78.6704, 85.3204, 80.0322**, and **19.8493, 21.9369, 18.8109** is the 20% darker color. If you saturate the color by 10%, you get **40.3092, 45.6215, 34.1212**, and if you desaturate by 10%, it is **45.4684, 47.8938, 51.8674**.

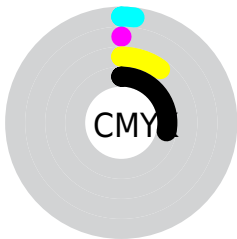
Distribution



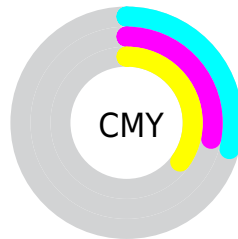
- Red (71%)
- Green (72%)
- Blue (65%)



- Red (65%)
- Yellow (72%)
- Blue (66%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (28%)



- Cyan (29%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7544, 46.7009, 42.3581 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 42.7544, 46.7009, 42.3581 by changing the saturation by 10% instead.

■ 42.7544, 46.7009,
42.3581

■ 42.7544, 46.7009,
42.3581

348.5394,
373.6194, 371.8086

■ 29.8861, 32.7993,
29.0541

■ 78.5981, 85.2670,
80.0172

■ 19.8998, 21.9727,
18.8758

■ 102.3043,
110.7002, 105.2095

■ 12.4301, 13.8369,
11.4047

130.3539,
140.7461, 135.2016

■ 7.1116, 8.0073,
6.2221

163.1121,
175.7891, 170.4121

■ 3.5789, 4.0996,
2.9097

200.9445,
216.2135, 211.2595

■ 1.4668, 1.7294,
1.0487

244.2162,

■ 0.3031, 0.4426,

262.4038, 258.1623

0.0000

293.2928,
314.7443, 311.5392

■ 0.0000, 0.0000,
0.0000

■ 42.7544, 46.7009,
42.3581

■ 42.7544, 46.7009,
42.3581

■ 40.3092, 45.6215,
34.1212

■ 45.4684, 47.8938,
51.8674

■ 38.1185, 44.6453,
27.0997

■ 48.4573, 49.1980,
62.6967

■ 36.1724, 43.7698,
21.2368

■ 51.7316, 50.6193,
74.8950

■ 34.4589, 42.9902,
16.4699

■ 55.3001, 52.1613,
88.5079

■ 32.9648, 42.3012,
12.7307

■ 58.8469, 53.6977,
101.8709

■ 31.6754, 41.6968,
9.9430

■ 59.8914, 54.2362,
101.9198

■ 30.5739, 41.1704,
8.0203

■ 60.9623, 54.7882,
101.9699

■ 29.6409, 40.7142,
6.8600

■ 62.0598, 55.3540,
102.0212

■ 28.8602, 40.3241,
6.2622

■ 63.1841, 55.9336,
102.0738

Harmonies

Analogous

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



44.5293, 46.7009, 41.3388



42.7544, 46.7009, 42.3581



41.4493, 46.7009, 45.6034

Triad

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



42.7544, 46.7009, 42.3581



42.5161, 46.7009, 59.9529



48.0359, 46.7009, 51.2551

Complementary

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



42.7544, 46.7009, 42.3581



38.4709, 38.8073, 50.8128

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.



47.4620, 46.7009, 56.4829



42.7544, 46.7009, 42.3581



44.2466, 46.7009, 61.7170

Square

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



42.7544, 46.7009, 42.3581



41.3144, 46.7009, 55.7345



46.0623, 46.7009, 60.4057



47.6100, 46.7009, 46.2584

Rectangle

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



42.7544, 46.7009, 42.3581



41.0037, 46.7009, 48.7147



46.0623, 46.7009, 60.4057



47.9532, 46.7009, 53.0455

Sweetspot

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



42.7557, 46.7029, 42.3591



81.0318, 86.2080, 89.0925



40.7111, 41.2099, 41.4066



17.3820, 18.5466, 18.9003



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.



42.7557, 46.7029, 42.3591



76.6352, 84.2751, 73.8136



40.6629, 45.6241, 42.2612



9.5600, 10.4053, 9.6115



19.9496, 27.8207, 4.3185



0.7504, 1.0051, 0.1544

Inverse Universe

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



38.4709, 38.8073, 50.8128



67.5762, 67.5813, 91.6875



40.5375, 39.8726, 50.9095



8.6933, 8.8082, 11.3214



6.5827, 2.7047, 31.4282



0.2842, 0.1222, 1.1104

Previews

White Background



This preview shows how the XYZ color 42.7544, 46.7009, 42.3581 looks on a white background.

Color Contrast Check

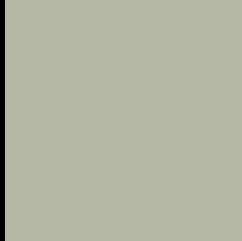
Large Text (above 18pt) WCAG AA × Fail

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 42.7544, 46.7009, 42.3581 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 42.7544, 46.7009, 42.3581

Background



This preview shows how black text looks on a background with the XYZ color 42.7544, 46.7009, 42.3581.



This preview shows how white text looks on a background with the XYZ color 42.7544, 46.7009,

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

42.7544, 46.7009, 42.3581

Protanopia

44.2110, 46.5469, 41.7762

Deuteranopia

47.4819, 46.4291, 43.0184



Tritanopia

45.8260, 46.7279, 57.6430

Trichromacy



Original Color

42.7544, 46.7009, 42.3581

Protanomaly

43.6785, 46.5753, 41.8098

Deuteranomaly

45.5683, 46.3297, 42.6172

Tritanomaly

44.5996, 46.5339, 51.4310

Monochromacy



Original Color

42.7544, 46.7009, 42.3581

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.5219, 46.3748, 47.2148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7544, 46.7009, 42.3581 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(180, 184, 165)` looks like.

```
.text, #text, p{  
    color:rgb(180, 184, 165)  
}
```

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(180, 184, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 184, 165) }
```

Border

The CSS property to change the border of an element to XYZ 42.7544, 46.7009, 42.3581 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(180, 184, 165) }
```


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

```
.border{ border-color:rgb(180, 184, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 184, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 184, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 184, 165);  
box-shadow:4px 4px 4px 4px rgb(180, 184,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7544, 46.7009, 42.3581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 184, 165) }
```

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

```
.background{ background-color: rgb(180,  
184, 165) }
```

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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