

Converting Colors

XYZ(43.1518, 46.4587, 42.4057)

Have a look what the booklet for
XYZ(43.1518, 46.4587, 42.4057)
contains.

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Color

**XYZ(43.2535, 46.6509,
42.3221)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B7A5
RGB	183, 183, 165
RGB Percent	72%, 72%, 65%
CMY	0.2823, 0.2823, 0.3529
CMYK	0.00, 0.00, 0.10, 0.28
HSL	60°, 11%, 68%
HSV	60°, 10%, 72%
XYZ	43.2535, 46.6509, 42.3221
YIQ	180.9480, 5.7780, -5.5980

Conversions

Conversions Part 2

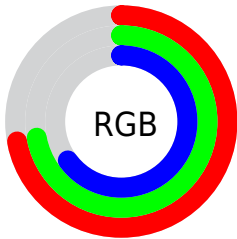
Format	Color
RYB	165, 183, 165
Decimal	12040101
CIELab	73.97, -3.19, 9.15
CIELCh	74, 9.696, 109.237
Yxy	46.6509, 0.3271, 0.3528
Android (android.graphics.Color)	4290230181 (0xFFB7B7A5)
YUV	180.9480, -7.8624, 1.7996
Hunter-Lab	68.3015, -6.4883, 11.0728

Details

The XYZ color **43.2535, 46.6509, 42.3221** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **37.5212, 38.3297, 50.2231**, and the grayscale version is **43.9329, 46.2209, 50.3345**.

A 20% lighter version of the original color is **79.3814, 85.2510, 79.9814**, and **20.1692, 21.9033, 18.7875** is the 20% darker color. If you saturate the color by 10%, you get **41.7053, 46.0330, 34.1680**, and if you desaturate by 10%, it is **45.0427, 47.3682, 51.7336**.

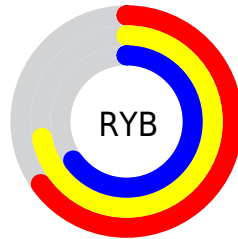
Distribution



Red (72%)

Green (72%)

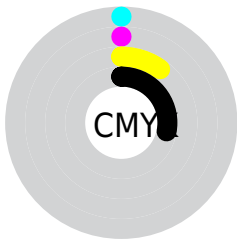
Blue (65%)



Red (65%)

Yellow (72%)

Blue (65%)

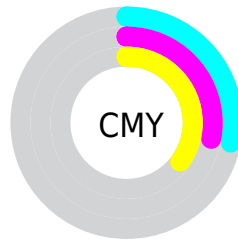


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (28%)



Cyan (28%)

Magenta (28%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2535, 46.6509, 42.3221 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 43.2535, 46.6509, 42.3221 by changing the saturation by 10% instead.

■ 43.2535, 46.6509,
42.3221

■ 43.2535, 46.6509,
42.3221

350.5571,
373.4193, 371.6554

■ 30.2794, 32.7598,
29.0261

■ 79.3466, 85.1923,
79.9622

■ 20.1999, 21.9425,
18.8548

■ 103.1963,
110.6113, 105.1435

■ 12.6496, 13.8146,
11.3897

131.4020,
140.6418, 135.1235

■ 7.2630, 7.9919,
6.2121

164.3290,
175.6681, 170.3210

■ 3.6749, 4.0897,
2.9036

202.3427,
216.0746, 211.1544

■ 1.5199, 1.7239,
1.0456

245.8083,

■ 0.3393, 0.4391,

262.2457, 258.0422

0.0000

295.0914,
314.5658, 311.4030

■ 0.0000, 0.0000,
0.0000

■ 43.2535, 46.6509,
42.3221

■ 43.2535, 46.6509,
42.3221

■ 41.7053, 46.0330,
34.1680

■ 45.0427, 47.3682,
51.7336

■ 40.3841, 45.5045,
27.2153

■ 47.0785, 48.1826,
62.4494

■ 39.2804, 45.0629,
21.4081

■ 49.3711, 49.0998,
74.5177

■ 38.3826, 44.7037,
16.6850

■ 51.9291, 50.1231,
87.9833

■ 37.6780, 44.4217,
12.9788

■ 54.5175, 51.1585,
101.6089

■ 37.1522, 44.2113,
10.2149

■ 54.5183, 51.1590,
101.6090

■ 36.7893, 44.0661,
8.3085

■ 54.5192, 51.1594,
101.6090

■ 36.5703, 43.9783,
7.1594

■ 54.5201, 51.1599,
101.6091

■ 36.4569, 43.9329,
6.5669

■ 54.5210, 51.1603,
101.6091

Harmonies

Analogous

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



44.9643, 46.6509, 42.0004



43.2535, 46.6509, 42.3221



41.8686, 46.6509, 44.8261

Triad

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



43.2535, 46.6509, 42.3221



42.2040, 46.6509, 58.3562



47.6885, 46.6509, 52.5945

Complementary

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



43.2535, 46.6509, 42.3221



37.5212, 38.3297, 50.2231

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.



46.9073, 46.6509, 57.2713



43.2535, 46.6509, 42.3221



43.7221, 46.6509, 60.7386

Square

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



43.2535, 46.6509, 42.3221



41.2737, 46.6509, 53.9982



45.4451, 46.6509, 60.3292



47.5551, 46.6509, 47.7208

Rectangle

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



43.2535, 46.6509, 42.3221



41.3026, 46.6509, 47.4926



45.4451, 46.6509, 60.3292



47.5234, 46.6509, 54.2469

Sweetspot

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



43.2548, 46.6529, 42.3231



79.5902, 84.4005, 86.9851



39.7766, 39.6953, 41.1635



17.5210, 18.6183, 18.9068



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.



43.2548, 46.6529, 42.3231



76.7714, 83.2729, 72.1488



41.1823, 45.5845, 42.2261



9.7500, 10.5033, 9.6204



25.4305, 30.6462, 4.5750



0.8965, 1.0804, 0.1613

Inverse Universe

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



37.5212, 38.3297, 50.2231



64.2420, 65.0844, 89.4123



39.4593, 39.3289, 50.3138



8.5213, 8.7196, 11.3134



5.9631, 2.3853, 31.3992



0.2103, 0.0841, 1.1069

Previews

White Background



This preview shows how the XYZ color 43.2535, 46.6509, 42.3221 looks on a white background.

Color Contrast Check

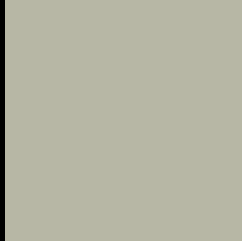
Large Text (above 18pt) WCAG AA × Fail

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 43.2535, 46.6509, 42.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

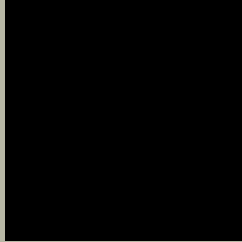
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

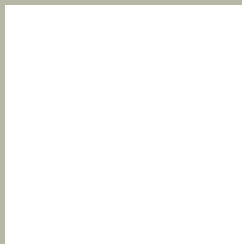
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.2535, 46.6509, 42.3221

Background



This preview shows how black text looks on a background with the XYZ color 43.2535, 46.6509, 42.3221.



This preview shows how white text looks on a background with the XYZ color 43.2535, 46.6509,

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

43.2535, 46.6509, 42.3221

Protanopia

44.2110, 46.5469, 41.7762

Deuteranopia

47.4819, 46.4291, 43.0184



Tritanopia

46.2393, 46.6553, 57.0204

Trichromacy



Original Color

43.2535, 46.6509, 42.3221

Protanomaly

43.9223, 46.7010, 41.8212

Deuteranomaly

45.8293, 46.4643, 42.6294

Tritanomaly

45.1182, 46.5005, 51.3973

Monochromacy



Original Color

43.2535, 46.6509, 42.3221

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.7572, 46.4961, 47.2258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2535, 46.6509, 42.3221 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(183, 183, 165)` looks like.

```
.text, #text, p{  
    color:rgb(183, 183, 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(183, 183, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 183, 165) }
```

Border

The CSS property to change the border of an element to XYZ 43.2535, 46.6509, 42.3221 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(183, 183, 165) }
```


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

```
.border{ border-color:rgb(183, 183, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 183, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 183, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 183, 165);  
box-shadow:4px 4px 4px 4px rgb(183, 183,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2535, 46.6509, 42.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 183, 165) }
```

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

```
.background{ background-color: rgb(183,  
183, 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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