

Converting Colors

XYZ(43.6292, 50.2586, 46.9365)

Have a look what the booklet for
XYZ(43.6292, 50.2586, 46.9365)
contains.

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Color

**XYZ(43.6292, 50.2586,
46.9365)**

Conversions

Conversions Part 1

Format	Color
Hex	ABC2AD
RGB	171, 194, 173
RGB Percent	67%, 76%, 68%
CMY	0.3294, 0.2392, 0.3216
CMYK	0.12, 0.00, 0.11, 0.24
HSL	125°, 16%, 72%
HSV	125°, 12%, 76%
XYZ	43.6292, 50.2586, 46.9365
YIQ	184.7290, -6.9670, -11.4070

Conversions

Conversions Part 2

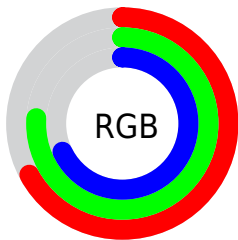
Format	Color
RYB	171, 192, 194
Decimal	11256493
CIELab	76.23, -11.83, 7.93
CIELCh	76, 14.245, 146.169
Yxy	50.2586, 0.3098, 0.3569
Android (android.graphics.Color)	4289446573 (0xFFABC2AD)
YUV	184.7290, -5.7824, -12.0403
Hunter-Lab	70.8933, -14.2107, 10.3710

Details

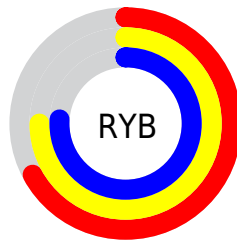
The XYZ color **43.6292, 50.2586, 46.9365** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.3273, 44.4022, 56.0004**, and the grayscale version is **45.9985, 48.3940, 52.7011**.

A 20% lighter version of the original color is **79.8648, 90.7645, 86.7088**, and **20.4370, 24.0586, 21.6558** is the 20% darker color. If you saturate the color by 10%, you get **38.1077, 47.5987, 38.3162**, and if you desaturate by 10%, it is **50.0011, 53.3335, 56.7850**.

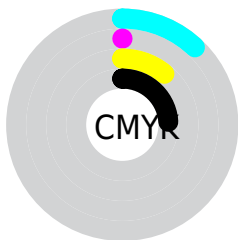
Distribution



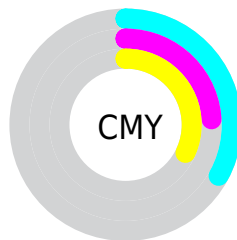
- Red (67%)
- Green (76%)
- Blue (68%)



- Red (67%)
- Yellow (75%)
- Blue (76%)



- Cyan (12%)
- Magenta (0%)
- Yellow (11%)
- Black (24%)



- Cyan (33%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6292, 50.2586, 46.9365 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 43.6292, 50.2586, 46.9365 by changing the saturation by 10% instead.

■ 43.6292, 50.2586,
46.9365

■ 43.6292, 50.2586,
46.9365

352.0708,
387.6764, 390.9474

■ 30.5758, 35.6189,
32.6315

■ 79.9093, 90.5579,
86.9678

■ 20.4263, 24.1400,
21.5755

103.8667,
116.9863, 113.5312

■ 12.8153, 15.4375,
13.3500

132.1894,
148.1131, 145.0178

■ 7.3776, 9.1270,
7.5364

165.2428,
184.3227, 181.8461

■ 3.7478, 4.8241,
3.7163

203.3923,
225.9994, 224.4346

■ 1.5605, 2.1444,
1.4710

247.0033,

■ 0.3664, 0.6894,

273.5276, 273.2020

0.1962

296.4410,
327.2918, 328.5668

■ 0.0000, 0.0000,
0.0000

■ 43.6292, 50.2586,
46.9365

■ 43.6292, 50.2586,
46.9365

■ 38.1077, 47.5987,
38.3162

■ 50.0011, 53.3335,
56.7850

■ 33.3965, 45.3299,
30.8728

■ 57.2528, 56.8333,
67.9037

■ 29.4588, 43.4356,
24.5563

■ 65.4175, 60.7756,
80.3368

■ 26.2531, 41.8958,
19.3117

■ 74.5255, 65.1752,
94.1253

■ 23.7340, 40.6882,
15.0795

■ 78.5827, 67.0655,
103.4109

■ 21.8511, 39.7883,
11.7945

■ 20.5471, 39.1681,
9.3837

■ 19.7542, 38.7943,
7.7636

■ 19.3929, 38.6255,
6.9583

Harmonies

Analogous

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



45.5401, 50.2586, 42.5563



43.6292, 50.2586, 46.9365



42.8265, 50.2586, 53.7463

Triad

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



43.6292, 50.2586, 46.9365



47.4270, 50.2586, 70.7481



52.5280, 50.2586, 48.4898

Complementary

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



43.6292, 50.2586, 46.9365



46.3273, 44.4022, 56.0004

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.



53.0785, 50.2586, 55.7117



43.6292, 50.2586, 46.9365



50.0700, 50.2586, 69.0125

Square

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



43.6292, 50.2586, 46.9365



44.9669, 50.2586, 67.8717



52.1633, 50.2586, 63.3264



50.6858, 50.2586, 43.3927

Rectangle

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



43.6292, 50.2586, 46.9365



43.0049, 50.2586, 58.9216



52.1633, 50.2586, 63.3264



52.8732, 50.2586, 50.7289

Sweetspot

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



43.6306, 50.2607, 46.9376



87.9032, 95.3284, 98.7435



48.4039, 52.7437, 46.1581



19.0498, 20.7794, 21.3151



0.0000, 0.0000, 0.0000



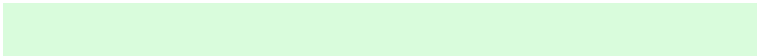
20.3446, 21.4041, 23.3091

Same Dimension

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



43.6306, 50.2607, 46.9376



76.5411, 89.8488, 81.1436



44.7834, 50.7219, 53.0084



9.9792, 11.2727, 10.8938



12.7628, 25.3992, 4.6442



0.5638, 1.1024, 0.2658

Inverse Universe

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



46.3273, 44.4022, 56.0004



82.3063, 77.3236, 100.5180



45.1104, 43.9154, 49.5926



10.4583, 10.2319, 12.5040



19.8690, 9.6374, 28.2859



0.8698, 0.4209, 1.2817

Previews

White Background



This preview shows how the XYZ color 43.6292, 50.2586, 46.9365 looks on a white background.

Color Contrast Check

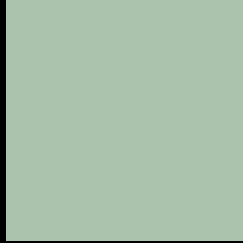
Large Text (above 18pt) WCAG AA × Fail

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 43.6292, 50.2586, 46.9365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

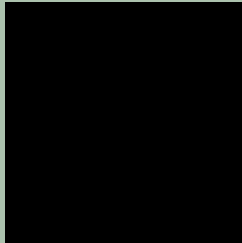
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6292, 50.2586, 46.9365

Background



This preview shows how black text looks on a background with the XYZ color 43.6292, 50.2586, 46.9365.



This preview shows how white text looks on a background with the XYZ color 43.6292, 50.2586,

46.9365.

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

43.6292, 50.2586, 46.9365

Protanopia

47.4374, 50.0073, 44.6883

Deuteranopia

50.9387, 49.8840, 48.0181



Tritanopia

47.0012, 49.9849, 64.2976

Trichromacy



Original Color

43.6292, 50.2586, 46.9365

Protanomaly

45.9189, 50.1683, 45.2935

Deuteranomaly

48.0617, 49.9487, 47.6654

Tritanomaly

45.7120, 50.1105, 57.7151

Monochromacy



Original Color

43.6292, 50.2586, 46.9365

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.1461, 49.0059, 50.7957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6292, 50.2586, 46.9365 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(171, 194, 173)` looks like.

```
.text, #text, p{  
    color:rgb(171, 194, 173)  
}
```

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(171, 194, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 194, 173) }
```

Border

The CSS property to change the border of an element to XYZ 43.6292, 50.2586, 46.9365 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(171, 194, 173) }
```


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

```
.border{ border-color:rgb(171, 194, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 194, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 194, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 194, 173); box-shadow:4px 4px 4px 4px rgb(171, 194, 173) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6292, 50.2586, 46.9365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 194, 173) }
```

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

```
.background{ background-color: rgb(171,  
194, 173) }
```

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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