

Converting Colors

XYZ(45.1246, 52.5610, 42.8894)

Have a look what the booklet for
XYZ(45.1246, 52.5610, 42.8894)
contains.

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Color

**XYZ(45.0264, 52.4156,
42.8660)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C6A4
RGB	177, 198, 164
RGB Percent	69%, 78%, 64%
CMY	0.3059, 0.2235, 0.3569
CMYK	0.11, 0.00, 0.17, 0.22
HSL	97°, 23%, 71%
HSV	97°, 17%, 78%
XYZ	45.0264, 52.4156, 42.8660
YIQ	187.8450, -1.6020, -15.0260

Conversions

Conversions Part 2

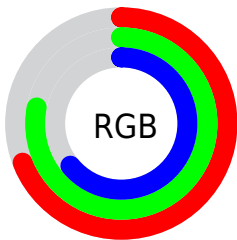
Format	Color
RYB	164, 198, 185
Decimal	11650724
CIELab	77.53, -13.37, 14.67
CIELCh	78, 19.850, 132.331
Yxy	52.4156, 0.3209, 0.3736
Android (android.graphics.Color)	4289840804 (0xFFB1C6A4)
YUV	187.8450, -11.7556, -9.5111
Hunter-Lab	72.3986, -15.6842, 15.5744

Details

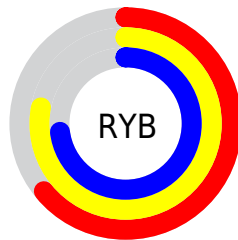
The XYZ color **45.0264, 52.4156, 42.8660** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.4781, 40.9438, 59.0402**, and the grayscale version is **47.7784, 50.2666, 54.7404**.

A 20% lighter version of the original color is **82.1505, 93.9581, 80.8238**, and **21.2101, 25.4015, 19.1143** is the 20% darker color. If you saturate the color by 10%, you get **40.7139, 50.3847, 34.0456**, and if you desaturate by 10%, it is **49.8699, 54.6911, 53.1667**.

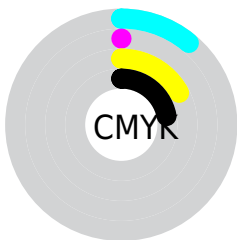
Distribution



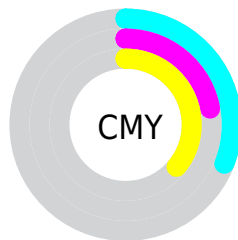
- Red (69%)
- Green (78%)
- Blue (64%)



- Red (64%)
- Yellow (78%)
- Blue (73%)



- Cyan (11%)
- Magenta (0%)
- Yellow (17%)
- Black (22%)





- Cyan (31%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.0264, 52.4156, 42.8660 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 45.0264, 52.4156, 42.8660 by changing the saturation by 10% instead.

 45.0264, 52.4156,
42.8660


 45.0264, 52.4156,
42.8660


357.6624,
396.0390, 373.9654

 31.6796, 37.3364,
29.4494


 81.9968, 93.7439,
80.7928

 21.2712, 25.4681,
19.1725


 106.3512,
120.7618, 106.1400

 13.4360, 16.4261,
11.6169


135.1054,
152.5281, 136.3012

 7.8085, 9.8262,
6.3641

168.6249,
189.4271, 171.6949

 4.0234, 5.2839,
2.9953

207.2750,
231.8434, 212.7397

 1.7154, 2.4148,
1.0923

251.4210,

 0.4659, 0.8335,

280.1611, 259.8539

0.0000

301.4284,
334.7649, 313.4564

■ 0.0000, 0.0000,
0.0000

■ 45.0264, 52.4156,
42.8660

■ 45.0264, 52.4156,
42.8660

■ 40.7139, 50.3847,
34.0456

■ 49.8699, 54.6911,
53.1667

■ 36.9088, 48.5832,
26.6341

■ 55.2585, 57.2125,
65.0078

■ 33.5918, 47.0043,
20.5594

■ 61.2108, 59.9897,
78.4502

■ 30.7408, 45.6382,
15.7415

■ 67.7436, 63.0300,
93.5507

■ 28.3315, 44.4745,
12.0921

■ 73.5568, 65.8141,
103.4343

■ 26.3372, 43.5014,
9.5112

■ 77.8075, 68.0054,
103.6332

■ 24.7275, 42.7060,
7.8822

■ 79.4851, 68.8702,
103.7117

■ 23.4632, 42.0715,
7.0447

■ 23.1517, 41.9144,
6.8701

Harmonies

Analogous

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



48.2644, 52.4156, 38.8591



45.0264, 52.4156, 42.8660



43.1315, 52.4156, 50.9108

Triad

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



45.0264, 52.4156, 42.8660



47.6190, 52.4156, 79.6002



57.3600, 52.4156, 52.6883

Complementary

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



45.0264, 52.4156, 42.8660



43.4781, 40.9438, 59.0402

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.



57.1653, 52.4156, 63.7106



45.0264, 52.4156, 42.8660



51.4075, 52.4156, 80.2361

Square

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



45.0264, 52.4156, 42.8660



44.5748, 52.4156, 72.4729



54.9411, 52.4156, 74.1130



55.4601, 52.4156, 44.0233

Rectangle

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



45.0264, 52.4156, 42.8660



42.8224, 52.4156, 57.9330



54.9411, 52.4156, 74.1130



57.5400, 52.4156, 56.2190

Sweetspot

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



45.0278, 52.4179, 42.8671



90.2263, 97.7426, 98.3122



47.3336, 49.3722, 42.1577



19.1713, 20.8550, 20.7366



0.0000, 0.0000, 0.0000



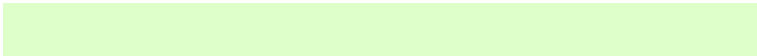
20.3446, 21.4041, 23.3091

Same Dimension

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



45.0278, 52.4179, 42.8671



76.4561, 91.2756, 69.1246



42.5702, 51.1089, 44.6518



10.8744, 12.0822, 11.3217



15.1440, 27.3023, 4.4717



0.7975, 1.3342, 0.2155

Inverse Universe

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



43.4781, 40.9438, 59.0402



73.1469, 66.7853, 103.6433



46.3075, 42.4546, 56.8149



10.6752, 10.6063, 13.4021



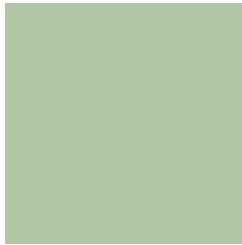
11.9741, 5.4071, 35.1569



0.6459, 0.2967, 1.6684

Previews

White Background



This preview shows how the XYZ color 45.0264, 52.4156, 42.8660 looks on a white background.

Color Contrast Check

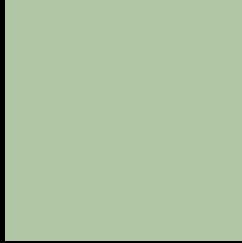
Large Text (above 18pt) WCAG AA × Fail

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 45.0264, 52.4156, 42.8660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

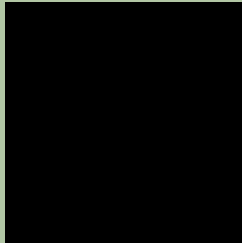
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.0264, 52.4156, 42.8660

Background



This preview shows how black text looks on a background with the XYZ color 45.0264, 52.4156, 42.8660.



This preview shows how white text looks on a background with the XYZ color 45.0264, 52.4156,

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

45.0264, 52.4156, 42.8660

Protanopia

49.3331, 52.3562, 40.7633

Deuteranopia

53.3290, 52.1311, 43.8108



Tritanopia

49.8793, 52.3946, 66.5157

Trichromacy



Original Color

45.0264, 52.4156, 42.8660

Protanomaly

47.7171, 52.4942, 41.3357

Deuteranomaly

49.9824, 51.9857, 43.4763

Tritanomaly

47.7518, 52.1689, 56.8430

Monochromacy



Original Color

45.0264, 52.4156, 42.8660

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

46.7535, 51.1443, 50.0555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0264, 52.4156, 42.8660 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, 198, 164)` looks like.

```
.text, #text, p{  
    color:rgb(177, 198, 164)  
}
```

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, 198, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 198, 164) }
```

Border

The CSS property to change the border of an element to XYZ 45.0264, 52.4156, 42.8660 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, 198, 164) }
```


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

```
.border{ border-color:rgb(177, 198, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 198, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 198, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 198, 164);  
box-shadow:4px 4px 4px 4px rgb(177, 198,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0264, 52.4156, 42.8660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 198, 164) }
```

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

```
.background{ background-color: rgb(177,  
198, 164) }
```

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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