

Converting Colors

XYZ(47.5028, 50.9735, 45.8688)

Have a look what the booklet for
XYZ(47.5028, 50.9735, 45.8688)
contains.

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Color

**XYZ(47.5024, 50.9737,
45.8633)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BEAB
RGB	192, 190, 171
RGB Percent	75%, 75%, 67%
CMY	0.2471, 0.2549, 0.3294
CMYK	0.00, 0.01, 0.11, 0.25
HSL	54°, 14%, 71%
HSV	54°, 11%, 75%
XYZ	47.5024, 50.9737, 45.8633
YIQ	188.4320, 7.2910, -5.4850

Conversions

Conversions Part 2

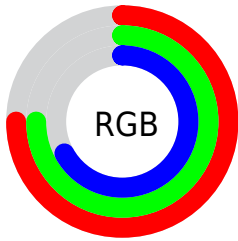
Format	Color
RYB	173, 192, 171
Decimal	12631723
CIELab	76.66, -2.62, 9.84
CIELCh	77, 10.184, 104.897
Yxy	50.9737, 0.3291, 0.3532
Android (android.graphics.Color)	4290821803 (0xFFC0BEAB)
YUV	188.4320, -8.5940, 3.1291
Hunter-Lab	71.3959, -6.1799, 11.8904

Details

The XYZ color **47.5024, 50.9737, 45.8633** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.2525, 42.3500, 55.8698**, and the grayscale version is **48.0913, 50.5958, 55.0989**.

A 20% lighter version of the original color is **85.3946, 91.3590, 85.0848**, and **22.7567, 24.6265, 21.0067** is the 20% darker color. If you saturate the color by 10%, you get **45.4114, 49.5104, 36.7835**, and if you desaturate by 10%, it is **49.8671, 52.5577, 56.3471**.

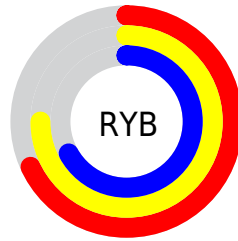
Distribution



Red (75%)

Green (75%)

Blue (67%)



Red (68%)

Yellow (75%)

Blue (67%)

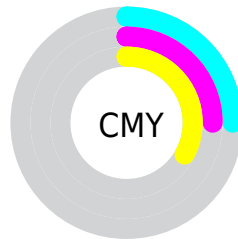


Cyan (0%)

Magenta (1%)

Yellow (11%)

Black (25%)



Cyan (25%)

Magenta (25%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5024, 50.9737, 45.8633 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 47.5024, 50.9737, 45.8633 by changing the saturation by 10% instead.

■ 47.5024, 50.9737,
45.8633

■ 47.5024, 50.9737,
45.8633

367.4319,
390.4616, 386.5204

■ 33.6426, 36.1877,
31.7901

■ 85.6773, 91.6159,
85.3465

■ 22.7808, 24.5792,
20.9377

110.7230,
118.2409, 111.5936

■ 14.5515, 15.7638,
12.8877

140.2282,
149.5809, 142.7357

■ 8.5895, 9.3572,
7.2214

174.5580,
186.0205, 179.1913

■ 4.5294, 4.9749,
3.5204

214.0780,
227.9439, 221.3791

■ 2.0058, 2.2325,
1.3661

259.1534,

■ 0.6372, 0.7376,

275.7357, 269.7175

0.1151

310.1495,
329.7801, 324.6251

■ 0.0000, 0.0000,
0.0000

■ 47.5024, 50.9737,
45.8633

■ 47.5024, 50.9737,
45.8633

■ 45.4114, 49.5104,
36.7835

■ 49.8671, 52.5577,
56.3471

■ 43.5784, 48.1566,
29.0444

■ 52.5119, 54.2601,
68.2882

■ 41.9925, 46.9094,
22.5826

■ 55.4485, 56.0871,
81.7409

■ 40.6406, 45.7637,
17.3283

■ 58.6865, 58.0427,
96.7560

■ 39.5080, 44.7135,
13.2051

■ 60.2418, 59.3332,
102.8851

38.5785, 43.7524,
10.1276

60.6646, 60.1788,
103.0260

37.8337, 42.8729,
7.9988

61.0924, 61.0345,
103.1687

37.2517, 42.0661,
6.7031

61.5254, 61.9004,
103.3130

36.8264, 41.3826,
6.0467

61.9634, 62.7764,
103.4590

Harmonies

Analogous

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



49.4210, 50.9737, 45.8720



47.5024, 50.9737, 45.8633



45.8798, 50.9737, 48.3174

Triad

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



47.5024, 50.9737, 45.8633



45.8708, 50.9737, 63.3357



52.1159, 50.9737, 58.3134

Complementary

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



47.5024, 50.9737, 45.8633



41.2525, 42.3500, 55.8698

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.



51.1123, 50.9737, 63.3650



47.5024, 50.9737, 45.8633



47.4897, 50.9737, 66.3928

Square

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



47.5024, 50.9737, 45.8633



44.9549, 50.9737, 58.2754



49.4080, 50.9737, 66.4039



52.1195, 50.9737, 52.8174

Rectangle

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



47.5024, 50.9737, 45.8633



45.1698, 50.9737, 51.1195



49.4080, 50.9737, 66.4039



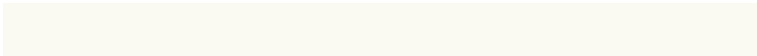
51.8831, 50.9737, 60.1275

Sweetspot

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



47.5038, 50.9759, 45.8644



89.4098, 94.6078, 97.8708



43.8543, 43.3540, 45.6434



19.1047, 20.2457, 20.6549



92.9021, 97.7402, 106.4391



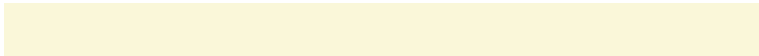
19.4759, 20.4902, 22.3138

Same Dimension

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



47.5038, 50.9759, 45.8644



85.1700, 91.7434, 79.1470



45.8724, 50.7811, 45.9128



10.8290, 11.5894, 10.7281



24.8111, 27.9079, 4.0791



1.0963, 1.2543, 0.1843

Inverse Universe

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



41.2525, 42.3500, 55.8698



71.7027, 73.1607, 100.7026



42.7610, 42.5637, 55.8316



9.6036, 9.8985, 12.6893



6.5769, 2.9102, 33.7717



0.3108, 0.1790, 1.4681

Previews

White Background



This preview shows how the XYZ color 47.5024, 50.9737, 45.8633 looks on a white background.

Color Contrast Check

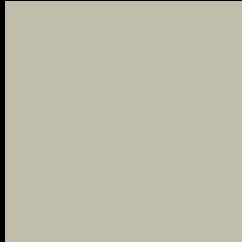
Large Text (above 18pt) WCAG AA × Fail

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 47.5024, 50.9737, 45.8633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

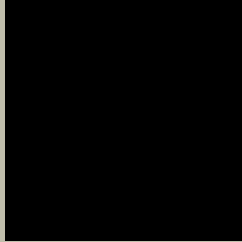
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5024, 50.9737, 45.8633

Background



This preview shows how black text looks on a background with the XYZ color 47.5024, 50.9737, 45.8633.



This preview shows how white text looks on a background with the XYZ color 47.5024, 50.9737,

45.8633.

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

47.5024, 50.9737, 45.8633

Protanopia

48.2649, 50.7390, 45.2800

Deuteranopia

51.7113, 50.6192, 46.5802



Tritanopia

50.7492, 51.0237, 61.8174

Trichromacy



Original Color

47.5024, 50.9737, 45.8633

Protanomaly

47.9590, 50.8996, 45.3271

Deuteranomaly

49.9722, 50.6556, 46.1734

Tritanomaly

49.4613, 50.8169, 55.3459

Monochromacy



Original Color

47.5024, 50.9737, 45.8633

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.6274, 50.5914, 51.5109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5024, 50.9737, 45.8633 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(192, 190, 171)` looks like.

```
.text, #text, p{  
    color:rgb(192, 190, 171)  
}
```

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(192, 190, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 190, 171) }
```

Border

The CSS property to change the border of an element to XYZ 47.5024, 50.9737, 45.8633 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(192, 190, 171) }
```


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

```
.border{ border-color:rgb(192, 190, 171) }
```

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

Here you see how a box with a 4 pixel rgb(192, 190, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 190, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 190, 171);  
box-shadow:4px 4px 4px 4px rgb(192, 190,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5024, 50.9737, 45.8633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 190, 171) }
```

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

```
.background{ background-color: rgb(192,  
190, 171) }
```

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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