

Converting Colors

XYZ(47.6400, 51.5789, 41.9048)

Have a look what the booklet for
XYZ(47.6400, 51.5789, 41.9048)
contains.

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Color

**XYZ(47.4898, 51.3753,
42.0638)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BFA3
RGB	194, 191, 163
RGB Percent	76%, 75%, 64%
CMY	0.2392, 0.2510, 0.3608
CMYK	0.00, 0.02, 0.16, 0.24
HSL	54°, 20%, 70%
HSV	54°, 16%, 76%
XYZ	47.4898, 51.3753, 42.0638
YIQ	188.7050, 10.7760, -8.0720

Conversions

Conversions Part 2

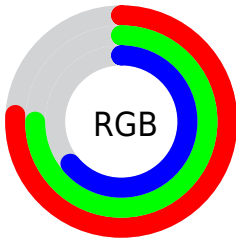
Format	Color
RYB	166, 194, 163
Decimal	12763043
CIELab	76.91, -3.70, 14.52
CIELCh	77, 14.984, 104.294
Yxy	51.3753, 0.3370, 0.3645
Android (android.graphics.Color)	4290953123 (0xFFC2BFA3)
YUV	188.7050, -12.6726, 4.6437
Hunter-Lab	71.6766, -7.1676, 15.3789

Details

The XYZ color **47.4898, 51.3753, 42.0638** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.4780, 38.9532, 56.5300**, and the grayscale version is **48.2682, 50.7819, 55.3015**.

A 20% lighter version of the original color is **85.6993, 92.0927, 79.5885**, and **22.7729, 24.9001, 18.6449** is the 20% darker color. If you saturate the color by 10%, you get **45.4775, 49.9221, 33.4652**, and if you desaturate by 10%, it is **49.7768, 52.9502, 52.0708**.

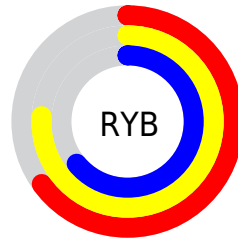
Distribution



Red (76%)

Green (75%)

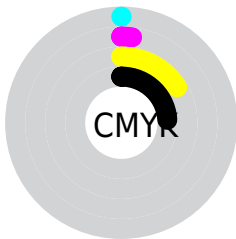
Blue (64%)



Red (65%)

Yellow (76%)

Blue (64%)

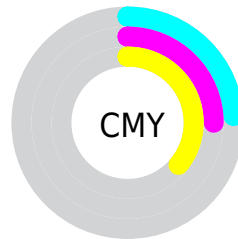


Cyan (0%)

Magenta (2%)

Yellow (16%)

Black (24%)



Cyan (24%)

Magenta (25%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.4898, 51.3753, 42.0638 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 47.4898, 51.3753, 42.0638 by changing the saturation by 10% instead.

■ 47.4898, 51.3753,
42.0638

■ 47.4898, 51.3753,
42.0638

367.3826,
392.0202, 370.5548

■ 33.6326, 36.5074,
28.8253

■ 85.6586, 92.2093,
79.5673

■ 22.7730, 24.8263,
18.7043

■ 110.7009,
118.9441, 104.6694

■ 14.5458, 15.9477,
11.2821

140.2022,
150.4034, 134.5631

■ 8.5855, 9.4871,
6.1404

174.5280,
186.9715, 169.6670

■ 4.5267, 5.0603,
2.8605

214.0436,
229.0329, 210.3995

■ 2.0042, 2.2827,
1.0238

259.1143,

■ 0.6363, 0.7645,

276.9718, 257.1793

0.0000

310.1055,
331.1728, 310.4249

■ 0.0000, 0.0000,
0.0000

■ 47.4898, 51.3753,
42.0638

■ 47.4898, 51.3753,
42.0638

■ 45.4775, 49.9221,
33.4652

■ 49.7768, 52.9502,
52.0708

■ 43.7237, 48.5789,
26.2078

■ 52.3456, 54.6446,
63.5427

■ 42.2166, 47.3426,
20.2241

■ 55.2085, 56.4650,
76.5367

■ 40.9420, 46.2077,
15.4393

■ 58.3755, 58.4155,
91.1062

■ 39.8842, 45.1678,
11.7706

■ 61.0404, 60.1737,
103.0052

■ 39.0255, 44.2156,
9.1250

■ 61.4784, 61.0496,
103.1512

■ 38.3453, 43.3431,
7.3942

■ 61.9217, 61.9362,
103.2990

■ 37.8177, 42.5398,
6.4418

■ 62.3703, 62.8335,
103.4486

■ 37.6275, 42.2279,
6.1676

■ 62.8244, 63.7416,
103.5999

Harmonies

Analogous

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



50.3296, 51.3753, 42.1467



47.4898, 51.3753, 42.0638



45.1019, 51.3753, 45.4381

Triad

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



47.4898, 51.3753, 42.0638



45.0114, 51.3753, 67.6336



54.2998, 51.3753, 60.2971

Complementary

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



47.4898, 51.3753, 42.0638



38.4780, 38.9532, 56.5300

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.



52.7595, 51.3753, 67.9446



47.4898, 51.3753, 42.0638



47.3618, 51.3753, 72.4531

Square

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



47.4898, 51.3753, 42.0638



43.7092, 51.3753, 59.9051



50.1966, 51.3753, 72.5721



54.3374, 51.3753, 52.1519

Rectangle

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



47.4898, 51.3753, 42.0638



44.0564, 51.3753, 49.4022



50.1966, 51.3753, 72.5721



53.9380, 51.3753, 63.0283

Sweetspot

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



47.4912, 51.3776, 42.0649



90.5797, 96.1989, 96.0980



42.2380, 40.4213, 41.7011



19.7666, 21.0199, 20.7371



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.



47.4912, 51.3776, 42.0649



84.7758, 92.1834, 70.7569



45.1002, 51.1248, 42.1421



10.8276, 11.5866, 10.7276



24.7720, 27.8298, 4.0661



1.0949, 1.2517, 0.1839

Inverse Universe

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



38.4780, 38.9532, 56.5300



65.5068, 65.6225, 101.6836



40.6045, 39.2505, 56.4753



9.6049, 9.9011, 12.6897



6.5805, 2.9175, 33.7729



0.3114, 0.1802, 1.4683

Previews

White Background



This preview shows how the XYZ color 47.4898, 51.3753, 42.0638 looks on a white background.

Color Contrast Check

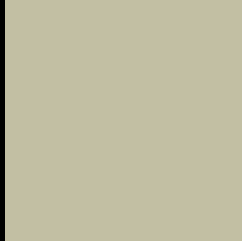
Large Text (above 18pt) WCAG AA × Fail

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 47.4898, 51.3753, 42.0638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

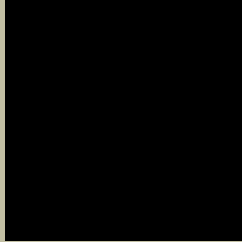
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4898, 51.3753, 42.0638

Background



This preview shows how black text looks on a background with the XYZ color 47.4898, 51.3753, 42.0638.



This preview shows how white text looks on a background with the XYZ color 47.4898, 51.3753,

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

47.4898, 51.3753, 42.0638

Protanopia

48.2724, 51.1459, 41.5103

Deuteranopia

52.3403, 51.3353, 42.7474



Tritanopia

51.5374, 51.4301, 61.8543

Trichromacy



Original Color

47.4898, 51.3753, 42.0638

Protanomaly

47.9610, 51.3059, 41.5576

Deuteranomaly

50.5542, 51.3535, 42.3697

Tritanomaly

49.9788, 51.4246, 54.3055

Monochromacy



Original Color

47.4898, 51.3753, 42.0638

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.1375, 51.1986, 50.5252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4898, 51.3753, 42.0638 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(194, 191, 163)` looks like.

```
.text, #text, p{  
    color:rgb(194, 191, 163)  
}
```

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(194, 191, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 191, 163) }
```

Border

The CSS property to change the border of an element to XYZ 47.4898, 51.3753, 42.0638 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(194, 191, 163) }
```


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

```
.border{ border-color:rgb(194, 191, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 191, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 191, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 191, 163);  
box-shadow:4px 4px 4px 4px rgb(194, 191,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4898, 51.3753, 42.0638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 191, 163) }
```

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

```
.background{ background-color: rgb(194,  
191, 163) }
```

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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