

Converting Colors

XYZ(47.7925, 52.8232, 43.2743)

Have a look what the booklet for
XYZ(47.7925, 52.8232, 43.2743)
contains.

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Color

**XYZ(47.7925, 52.8232,
43.2743)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC3A5
RGB	191, 195, 165
RGB Percent	75%, 76%, 65%
CMY	0.2510, 0.2353, 0.3529
CMYK	0.02, 0.00, 0.15, 0.24
HSL	68°, 20%, 71%
HSV	68°, 15%, 76%
XYZ	47.7925, 52.8232, 43.2743
YIQ	190.3840, 7.2460, -10.1780

Conversions

Conversions Part 2

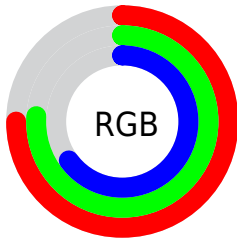
Format	Color
RYB	165, 195, 169
Decimal	12567461
CIELab	77.77, -6.59, 14.63
CIElCh	78, 16.041, 114.238
Yxy	52.8232, 0.3321, 0.3671
Android (android.graphics.Color)	4290757541 (0xFFBFC3A5)
YUV	190.3840, -12.5143, 0.5402
Hunter-Lab	72.6796, -9.8115, 15.5737

Details

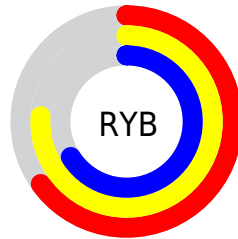
The XYZ color **47.7925, 52.8232, 43.2743** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.6697, 39.2869, 57.1249**, and the grayscale version is **49.2332, 51.7971, 56.4071**.

A 20% lighter version of the original color is **86.0864, 94.5623, 81.4252**, and **22.8220, 25.5604, 19.3536** is the 20% darker color. If you saturate the color by 10%, you get **45.5031, 51.8342, 34.5979**, and if you desaturate by 10%, it is **50.3671, 53.9311, 53.3790**.

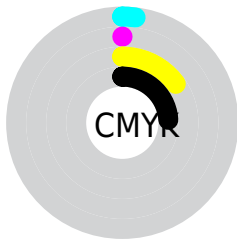
Distribution



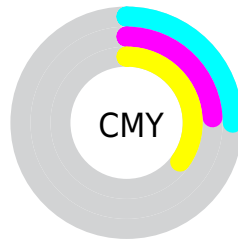
- Red (75%)
- Green (76%)
- Blue (65%)



- Red (65%)
- Yellow (76%)
- Blue (66%)



- Cyan (2%)
- Magenta (0%)
- Yellow (15%)
- Black (24%)



- Cyan (25%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.7925, 52.8232, 43.2743 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 47.7925, 52.8232, 43.2743 by changing the saturation by 10% instead.

■ 47.7925, 52.8232,
43.2743

■ 47.7925, 52.8232,
43.2743

368.5654,
397.6064, 375.6929

■ 33.8732, 37.6616,
29.7674

■ 86.1069, 94.3442,
81.4154

■ 22.9586, 25.7202,
19.4116

■ 111.2328,
121.4724, 106.8867

■ 14.6835, 16.6144,
11.7882

140.8248,
153.3582, 137.1832

■ 8.6824, 9.9600,
6.4789

175.2484,
190.3862, 172.7235

■ 4.5901, 5.3724,
3.0649

214.8688,
232.9406, 213.9261

■ 2.0411, 2.4674,
1.1279

260.0516,

■ 0.6569, 0.8602,

281.4058, 261.2095

0.0000

311.1620,
336.1663, 314.9922

■ 0.0000, 0.0000,
0.0000

■ 47.7925, 52.8232,
43.2743

■ 47.7925, 52.8232,
43.2743

■ 45.5031, 51.8342,
34.5979

■ 50.3671, 53.9311,
53.3790

■ 43.4822, 50.9523,
27.2819

■ 53.2341, 55.1555,
64.9687

■ 41.7182, 50.1744,
21.2583

■ 56.4057, 56.5032,
78.1015

■ 40.1967, 49.4949,
16.4516

■ 59.8923, 57.9782,
92.8311

■ 38.9018, 48.9072,
12.7788

■ 62.4716, 59.0916,
102.7210

■ 37.8156, 48.4044,
10.1461

■ 63.1911, 59.4625,
102.7546

■ 36.9175, 47.9782,
8.4451

■ 63.9224, 59.8395,
102.7889

■ 36.1822, 47.6183,
7.5426

■ 64.6659, 60.2228,
102.8236

■ 35.8741, 47.4652,
7.2709

■ 65.4214, 60.6123,
102.8590

Harmonies

Analogous

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



50.8094, 52.8232, 42.1080



47.7925, 52.8232, 43.2743



45.5106, 52.8232, 48.0792

Triad

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



47.7925, 52.8232, 43.2743



46.7937, 52.8232, 72.5563



56.3925, 52.8232, 59.2513

Complementary

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



47.7925, 52.8232, 43.2743



39.6697, 39.2869, 57.1249

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.



55.2156, 52.8232, 68.1121



47.7925, 52.8232, 43.2743



49.6091, 52.8232, 76.2861

Square

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



47.7925, 52.8232, 43.2743



44.9509, 52.8232, 64.8341



52.7012, 52.8232, 74.5814



55.8574, 52.8232, 50.7694

Rectangle

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



47.7925, 52.8232, 43.2743



44.6707, 52.8232, 52.9893



52.7012, 52.8232, 74.5814



56.1825, 52.8232, 62.2924

Sweetspot

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



47.7939, 52.8255, 43.2754



90.3537, 96.6505, 96.1970



43.4870, 42.6961, 41.5473



19.7102, 21.1328, 20.7618



0.0000, 0.0000, 0.0000



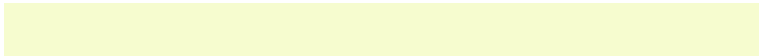
20.3446, 21.4041, 23.3091

Same Dimension

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



47.7939, 52.8255, 43.2754



84.3569, 94.0718, 72.7489



44.2130, 50.9795, 43.1079



10.7770, 11.6880, 10.7499



23.3664, 30.8746, 4.7279



1.0470, 1.3533, 0.2060

Inverse Universe

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



39.6697, 39.2869, 57.1249



67.4190, 65.8440, 101.6256



43.0744, 41.0420, 57.2843



9.6505, 9.8110, 12.6699



6.7209, 2.7252, 33.7284



0.3320, 0.1392, 1.4593

Previews

White Background



This preview shows how the XYZ color 47.7925, 52.8232, 43.2743 looks on a white background.

Color Contrast Check

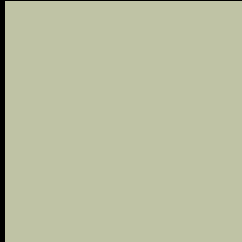
Large Text (above 18pt) WCAG AA × Fail

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 47.7925, 52.8232, 43.2743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

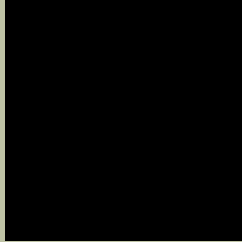
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

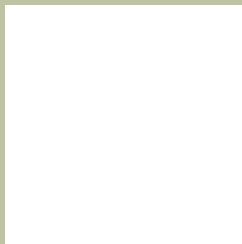
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.7925, 52.8232, 43.2743

Background



This preview shows how black text looks on a background with the XYZ color 47.7925, 52.8232, 43.2743.



This preview shows how white text looks on a background with the XYZ color 47.7925, 52.8232,

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

47.7925, 52.8232, 43.2743

Protanopia

49.8176, 52.9002, 42.2354

Deuteranopia

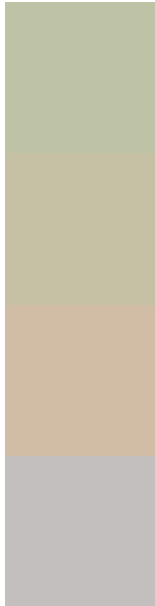
53.8392, 52.7036, 43.8944



Tritanopia

52.1226, 52.6251, 64.5373

Trichromacy



Original Color

47.7925, 52.8232, 43.2743

Protanomaly

49.0595, 52.8260, 42.7327

Deuteranomaly

51.3750, 52.7037, 43.5415

Tritanomaly

50.4307, 52.5814, 56.2064

Monochromacy



Original Color

47.7925, 52.8232, 43.2743

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.4253, 51.9826, 51.1974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7925, 52.8232, 43.2743 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(191, 195, 165)` looks like.

```
.text, #text, p{  
    color:rgb(191, 195, 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(191, 195, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 195, 165) }
```

Border

The CSS property to change the border of an element to XYZ 47.7925, 52.8232, 43.2743 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(191, 195, 165) }
```


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

```
.border{ border-color:rgb(191, 195, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 195, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 195, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 195, 165); box-shadow:4px 4px 4px 4px rgb(191, 195, 165) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7925, 52.8232, 43.2743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 195, 165) }
```

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

```
.background{ background-color: rgb(191,  
195, 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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