

Converting Colors

XYZ(48.7390, 53.7554, 47.5741)

Have a look what the booklet for
XYZ(48.7390, 53.7554, 47.5741)
contains.

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Color

**XYZ(48.7443, 53.8968,
47.3692)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC5AD
RGB	190, 197, 173
RGB Percent	75%, 77%, 68%
CMY	0.2549, 0.2274, 0.3216
CMYK	0.04, 0.00, 0.12, 0.23
HSL	78°, 17%, 73%
HSV	78°, 12%, 77%
XYZ	48.7443, 53.8968, 47.3692
YIQ	192.1710, 3.5320, -8.9480

Conversions

Conversions Part 2

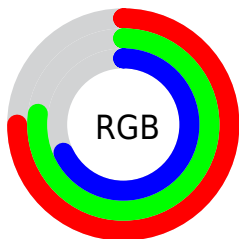
Format	Color
RYB	173, 197, 180
Decimal	12502445
CIELab	78.40, -6.68, 11.22
CIELCh	78, 13.056, 120.790
Yxy	53.8968, 0.3249, 0.3593
Android (android.graphics.Color)	4290692525 (0xFFBEC5AD)
YUV	192.1710, -9.4513, -1.9040
Hunter-Lab	73.4144, -9.9583, 13.1344

Details

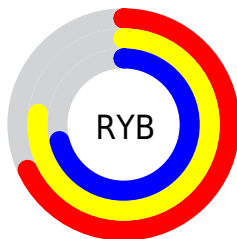
The XYZ color **48.7443, 53.8968, 47.3692** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.8461, 43.6231, 58.9354**, and the grayscale version is **50.2561, 52.8733, 57.5791**.

A 20% lighter version of the original color is **87.4514, 96.0779, 87.3345**, and **23.5902, 26.3438, 21.9307** is the 20% darker color. If you saturate the color by 10%, you get **45.5697, 52.4661, 37.9927**, and if you desaturate by 10%, it is **52.2596, 55.4738, 58.2311**.

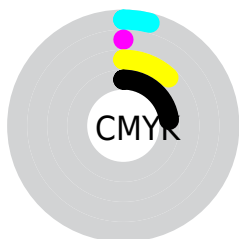
Distribution



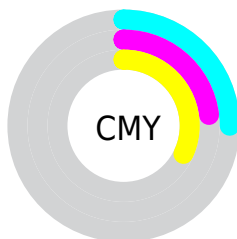
- Red (75%)
- Green (77%)
- Blue (68%)



- Red (68%)
- Yellow (77%)
- Blue (71%)



- Cyan (4%)
- Magenta (0%)
- Yellow (12%)
- Black (23%)



- Cyan (25%)
- Magenta (23%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7443, 53.8968, 47.3692 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 48.7443, 53.8968, 47.3692 by changing the saturation by 10% instead.

■ 48.7443, 53.8968,
47.3692

■ 48.7443, 53.8968,
47.3692

372.2685,
401.7164, 392.7226

■ 34.6304, 38.5192,
32.9712

■ 87.5146, 95.9227,
87.6202

■ 23.5435, 26.3859,
21.8334

112.9016,
123.3398, 114.3103

■ 15.1182, 17.1125,
13.5374

142.7771,
155.5387, 145.9348

■ 8.9892, 10.3148,
7.6646

177.5064,
192.9040, 182.9122

■ 4.7912, 5.6081,
3.7964

217.4548,
235.8201, 225.6612

■ 2.1588, 2.6083,
1.5143

262.9878,

■ 0.7209, 0.9308,

284.6712, 274.6003

0.2286

314.4705,
339.8418, 330.1479

■ 0.0000, 0.0000,
0.0000

■ 48.7443, 53.8968,
47.3692

■ 48.7443, 53.8968,
47.3692

■ 45.5697, 52.4661,
37.9927

■ 52.2596, 55.4738,
58.2311

■ 42.7186, 51.1695,
30.0337

■ 56.1233, 57.1951,
70.6357

■ 40.1786, 50.0037,
23.4239

■ 60.3484, 59.0676,
84.6412

■ 37.9346, 48.9627,
18.0881

■ 64.9459, 61.0958,
100.3019

■ 35.9705, 48.0399,
13.9439

■ 67.1534, 62.1749,
103.0693

■ 34.2679, 47.2278,
10.8990

■ 68.9103, 63.0806,
103.1515

■ 32.8062, 46.5181,
8.8476

■ 70.7274, 64.0173,
103.2366

■ 31.5605, 45.9009,
7.6633

■ 72.6054, 64.9855,
103.3245

■ 30.7020, 45.4686,
7.1582

■ 74.5448, 65.9853,
103.4152

Harmonies

Analogous

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



51.1594, 53.8968, 45.6655



48.7443, 53.8968, 47.3692



47.0426, 53.8968, 52.0586

Triad

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



48.7443, 53.8968, 47.3692



48.8583, 53.8968, 71.8944



56.3179, 53.8968, 58.4900

Complementary

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



48.7443, 53.8968, 47.3692



43.8461, 43.6231, 58.9354

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.



55.6531, 53.8968, 65.8499



48.7443, 53.8968, 47.3692



51.2953, 53.8968, 73.9687

Square

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



48.7443, 53.8968, 47.3692



47.1068, 53.8968, 66.2146



53.7932, 53.8968, 71.6718



55.5813, 53.8968, 51.7480

Rectangle

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



48.7443, 53.8968, 47.3692



46.5122, 53.8968, 56.4529



53.7932, 53.8968, 71.6718



56.2507, 53.8968, 60.9741

Sweetspot

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



48.7458, 53.8991, 47.3704



92.3644, 98.8002, 100.4284



46.8516, 47.4510, 46.2256



19.6641, 21.1001, 21.1657



0.0000, 0.0000, 0.0000



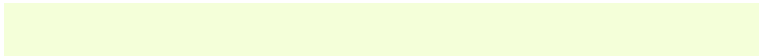
20.3446, 21.4041, 23.3091

Same Dimension

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



48.7458, 53.8991, 47.3704



85.5043, 95.7211, 79.4447



45.9169, 52.4408, 47.2380



11.2108, 12.2556, 11.3375



20.2795, 29.9498, 4.7120



1.0298, 1.4540, 0.2264

Inverse Universe

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



43.8461, 43.6231, 58.9354



74.7651, 73.1963, 104.7955



46.7111, 45.1001, 59.0695



10.3426, 10.4349, 13.3865



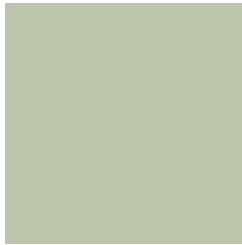
7.8299, 3.2707, 34.9630



0.4443, 0.1928, 1.6589

Previews

White Background



This preview shows how the XYZ color 48.7443, 53.8968, 47.3692 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 48.7443, 53.8968, 47.3692 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

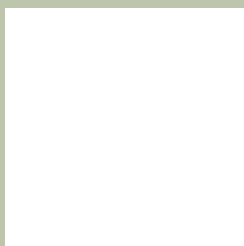
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.7443, 53.8968, 47.3692

Background



This preview shows how black text looks on a background with the XYZ color 48.7443, 53.8968, 47.3692.



This preview shows how white text looks on a background with the XYZ color 48.7443, 53.8968,

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

48.7443, 53.8968, 47.3692

Protanopia

51.0493, 53.7767, 46.2174

Deuteranopia

54.7216, 53.6959, 48.0376



Tritanopia

52.6178, 53.8064, 66.6439

Trichromacy



Original Color

48.7443, 53.8968, 47.3692

Protanomaly

50.0269, 53.5679, 46.7327

Deuteranomaly

52.2832, 53.7275, 47.6592

Tritanomaly

51.1344, 53.8612, 59.3309

Monochromacy



Original Color

48.7443, 53.8968, 47.3692

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.5346, 53.1627, 53.5496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7443, 53.8968, 47.3692 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(190, 197, 173)` looks like.

```
.text, #text, p{  
    color:rgb(190, 197, 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(190, 197, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 197, 173) }
```

Border

The CSS property to change the border of an element to XYZ 48.7443, 53.8968, 47.3692 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(190, 197, 173) }
```


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

```
.border{ border-color:rgb(190, 197, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 197, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 197, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 197, 173);  
box-shadow:4px 4px 4px 4px rgb(190, 197,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7443, 53.8968, 47.3692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 197, 173) }
```

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

```
.background{ background-color: rgb(190,  
197, 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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