

Converting Colors

XYZ(48.8330, 53.3139, 44.3692)

Have a look what the booklet for
XYZ(48.8330, 53.3139, 44.3692)
contains.

XYZ(48.7383, 53.2896, 44.2763)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.7383, 53.2896,
44.2763)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C3A7
RGB	194, 195, 167
RGB Percent	76%, 76%, 65%
CMY	0.2392, 0.2353, 0.3451
CMYK	0.01, 0.00, 0.14, 0.24
HSL	62°, 19%, 71%
HSV	62°, 14%, 76%
XYZ	48.7383, 53.2896, 44.2763
YIQ	191.5090, 8.3920, -8.9200

Conversions

Conversions Part 2

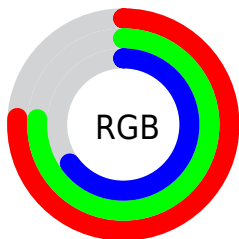
Format	Color
RYB	167, 195, 168
Decimal	12764071
CIELab	78.05, -5.17, 13.98
CIELCh	78, 14.900, 110.287
Yxy	53.2896, 0.3331, 0.3642
Android (android.graphics.Color)	4290954151 (0xFFC2C3A7)
YUV	191.5090, -12.0829, 2.1846
Hunter-Lab	72.9997, -8.5739, 15.1388

Details

The XYZ color **48.7383, 53.2896, 44.2763** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.8195, 39.9038, 57.2362**, and the grayscale version is **49.8827, 52.4805, 57.1513**.

A 20% lighter version of the original color is **87.7789, 95.4040, 82.8956**, and **23.4346, 25.8630, 19.9766** is the 20% darker color. If you saturate the color by 10%, you get **46.8913, 52.5319, 35.4786**, and if you desaturate by 10%, it is **50.8609, 54.1612, 54.5081**.

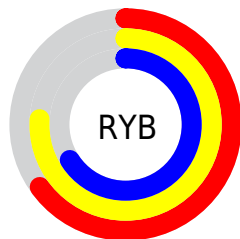
Distribution



Red (76%)

Green (76%)

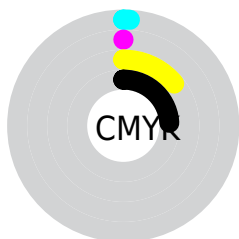
Blue (65%)



Red (65%)

Yellow (76%)

Blue (66%)

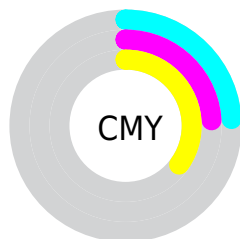


Cyan (1%)

Magenta (0%)

Yellow (14%)

Black (24%)



Cyan (24%)


Magenta (24%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.7383, 53.2896, 44.2763 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 48.7383, 53.2896, 44.2763 by changing the saturation by 10% instead.


 48.7383, 53.2896,
44.2763


 48.7383, 53.2896,
44.2763


372.2452,
399.3952, 379.9089

 34.6256, 38.0340,
30.5490


 87.5057, 95.0304,
82.9402

 23.5398, 26.0091,
20.0001


 112.8911,
122.2843, 108.7140

 15.1155, 16.8304,
12.2110


142.7649,
154.3066, 139.3403

 8.9873, 10.1137,
6.7633

177.4922,
191.4814, 175.2376

 4.7899, 5.4744,
3.2383

217.4386,
234.1933, 216.8246

 2.1580, 2.5282,
1.2176

262.9693,

 0.7205, 0.8907,

282.8267, 264.5198

0.0000

314.4497,
337.7658, 318.7417

■ 0.0000, 0.0000,
0.0000

■ 48.7383, 53.2896,
44.2763

■ 48.7383, 53.2896,
44.2763

■ 46.8913, 52.5319,
35.4786

■ 50.8609, 54.1612,
54.5081

■ 45.3035, 51.8762,
28.0476

■ 53.2661, 55.1442,
66.2305

■ 43.9633, 51.3196,
21.9158

■ 55.9662, 56.2452,
79.5011

■ 42.8564, 50.8565,
17.0086

■ 58.9713, 57.4683,
94.3733

■ 41.9673, 50.4805,
13.2436

■ 60.7226, 58.1900,
102.6391

■ 41.2784, 50.1847,
10.5285

■ 60.9068, 58.2849,
102.6477

■ 40.7694, 49.9611,
8.7566

■ 61.0918, 58.3803,
102.6564

■ 40.4159, 49.7996,
7.7987

■ 61.2777, 58.4761,
102.6651

■ 40.2582, 49.7253,
7.4761

■ 61.4644, 58.5724,
102.6738

Harmonies

Analogous

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



51.5983, 53.2896, 43.6423



48.7383, 53.2896, 44.2763



46.4742, 53.2896, 48.3916

Triad

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



48.7383, 53.2896, 44.2763



47.1648, 53.2896, 71.2178



56.3570, 53.2896, 60.7640

Complementary

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



48.7383, 53.2896, 44.2763



39.8195, 39.9038, 57.2362

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.



55.0691, 53.2896, 68.8551



48.7383, 53.2896, 44.2763



49.7137, 53.2896, 75.2602

Square

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



48.7383, 53.2896, 44.2763



45.5901, 53.2896, 63.7477



52.6114, 53.2896, 74.3565



56.0714, 53.2896, 52.6523

Rectangle

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



48.7383, 53.2896, 44.2763



45.5723, 53.2896, 52.7934



52.6114, 53.2896, 74.3565



56.0919, 53.2896, 63.5876

Sweetspot

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



48.7397, 53.2919, 44.2774



91.2086, 97.0476, 98.2067



43.4728, 42.3741, 42.4477



19.9058, 21.2247, 21.1770



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.



48.7397, 53.2919, 44.2774



86.2783, 95.0264, 74.4631



45.3300, 51.5342, 44.1179



10.8766, 11.7393, 10.7545



26.1800, 32.3251, 4.8595



1.1425, 1.4025, 0.2105

Inverse Universe

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



39.8195, 39.9038, 57.2362



67.4584, 66.7796, 101.8041



42.9463, 41.5157, 57.3825



9.5610, 9.7648, 12.6657



6.4743, 2.5981, 33.7169



0.2915, 0.1183, 1.4574

Previews

White Background



This preview shows how the XYZ color 48.7383, 53.2896, 44.2763 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 48.7383, 53.2896, 44.2763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

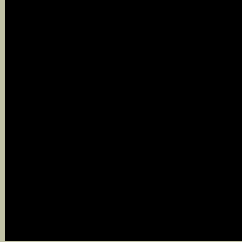
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

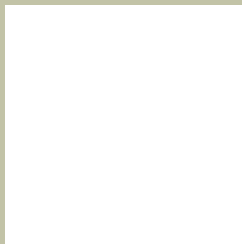
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.7383, 53.2896, 44.2763

Background



This preview shows how black text looks on a background with the XYZ color 48.7383, 53.2896, 44.2763.



This preview shows how white text looks on a background with the XYZ color 48.7383, 53.2896,

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

48.7383, 53.2896, 44.2763

Protanopia

50.3612, 53.1490, 43.6808

Deuteranopia

54.2355, 53.1980, 44.9458



Tritanopia

52.9861, 53.3768, 65.2677

Trichromacy



Original Color

48.7383, 53.2896, 44.2763

Protanomaly

49.7723, 53.1725, 43.7164

Deuteranomaly

52.1294, 53.0712, 44.5420

Tritanomaly

51.2796, 53.3312, 56.8814

Monochromacy



Original Color

48.7383, 53.2896, 44.2763

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.6095, 52.8963, 52.3950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7383, 53.2896, 44.2763 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, 195, 167)` looks like.

```
.text, #text, p{  
    color:rgb(194, 195, 167)  
}
```

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, 195, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 195, 167) }
```

Border

The CSS property to change the border of an element to XYZ 48.7383, 53.2896, 44.2763 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, 195, 167) }
```


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

```
.border{ border-color:rgb(194, 195, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 195, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 195, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 195, 167);  
box-shadow:4px 4px 4px 4px rgb(194, 195,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7383, 53.2896, 44.2763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 195, 167) }
```

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

```
.background{ background-color: rgb(194,  
195, 167) }
```

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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