

Converting Colors

XYZ(43.7663, 50.5885, 20.2898)

Have a look what the booklet for
XYZ(43.7663, 50.5885, 20.2898)
contains.

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Color

**XYZ(43.7663, 50.5885,
20.2898)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C167
RGB	194, 193, 103
RGB Percent	76%, 76%, 40%
CMY	0.2392, 0.2431, 0.5961
CMYK	0.00, 0.01, 0.47, 0.24
HSL	59°, 43%, 58%
HSV	59°, 47%, 76%
XYZ	43.7663, 50.5885, 20.2898
YIQ	183.0390, 29.4860, -27.7780

Conversions

Conversions Part 2

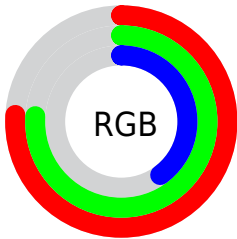
Format	Color
RYB	104, 194, 103
Decimal	12763495
CIELab	76.43, -12.30, 45.12
CIELCh	76, 46.770, 105.244
Yxy	50.5885, 0.3818, 0.4413
Android (android.graphics.Color)	4290953575 (0xFFC2C167)
YUV	183.0390, -39.4592, 9.6128
Hunter-Lab	71.1256, -14.6319, 32.8744

Details

The XYZ color **43.7663, 50.5885, 20.2898** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **20.2815, 16.6789, 53.1893**, and the grayscale version is **45.2306, 47.5861, 51.8213**.

A 20% lighter version of the original color is **80.0213, 90.8471, 44.7702**, and **20.4791, 24.4074, 6.8805** is the 20% darker color. If you saturate the color by 10%, you get **42.8571, 50.1517, 15.7276**, and if you desaturate by 10%, it is **44.9040, 51.1205, 26.0440**.

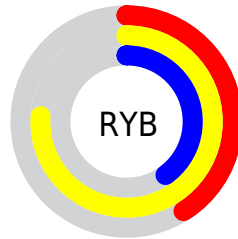
Distribution



Red (76%)

Green (76%)

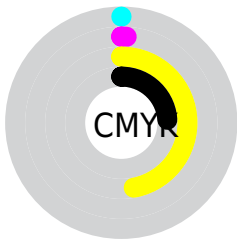
Blue (40%)



Red (41%)

Yellow (76%)

Blue (40%)

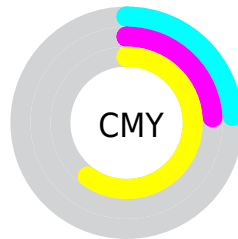


Cyan (0%)

Magenta (1%)

Yellow (47%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7663, 50.5885, 20.2898 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 43.7663, 50.5885, 20.2898 by changing the saturation by 10% instead.

■ 43.7663, 50.5885,
20.2898

■ 43.7663, 50.5885,
20.2898

352.6221,
388.9629, 266.1356

■ 30.6839, 35.8812,
12.4197

■ 80.1145, 91.0462,
44.7679

■ 20.5089, 24.3425,
6.9042

■ 104.1110,
117.5654, 62.2129

■ 12.8759, 15.5879,
3.3247

■ 132.4764,
148.7908, 83.6867

■ 7.4196, 9.2330,
1.2627

■ 165.5758,
185.1066, 109.6078

■ 3.7745, 4.8935,
0.0310

203.7748,
226.8974, 140.3947

■ 1.5754, 2.1849,
0.0000

247.4386,

■ 0.3763, 0.7117,

274.5474, 176.4659

0.0000

296.9326,
328.4411, 218.2400

■ 0.0000, 0.0000,
0.0000

■ 43.7663, 50.5885,
20.2898

■ 43.7663, 50.5885,
20.2898

■ 42.8571, 50.1517,
15.7276

■ 44.9040, 51.1205,
26.0440

■ 42.1567, 49.7967,
12.2706

■ 46.2808, 51.7464,
33.0623

■ 41.6487, 49.5187,
9.8257


■ 47.9111, 52.4738,
41.4152


■ 41.3120, 49.3094,
8.2829


■ 49.8071, 53.3076,
51.1668


■ 41.1185, 49.1574,
7.4935


■ 51.9801, 54.2524,
62.3773

 41.0712, 49.1154,
7.3155

 54.4410, 55.3123,
75.1030

 57.1999, 56.4916,
89.3977

 59.7465, 57.5861,
102.5740

 59.7940, 57.6810,
102.5898

Harmonies

Analogous

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



52.5262, 50.5885, 20.2348



43.7663, 50.5885, 20.2898



37.0323, 50.5885, 27.5057

Triad

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



43.7663, 50.5885, 20.2898



37.1182, 50.5885, 97.1975



66.3878, 50.5885, 68.3809

Complementary

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



43.7663, 50.5885, 20.2898



20.2815, 16.6789, 53.1893

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.



61.1383, 50.5885, 96.7709



43.7663, 50.5885, 20.2898



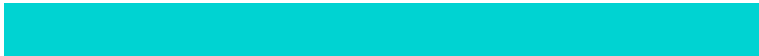
43.8975, 50.5885, 116.5501

Square

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



43.7663, 50.5885, 20.2898



33.5253, 50.5885, 68.8435



52.6743, 50.5885, 116.3737



66.3414, 50.5885, 43.2892

Rectangle

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



43.7663, 50.5885, 20.2898



34.2861, 50.5885, 37.1675



52.6743, 50.5885, 116.3737



65.1583, 50.5885, 77.9888

Sweetspot

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



43.7675, 50.5908, 20.2908



87.6767, 95.4556, 79.5224



29.6238, 22.1804, 15.9553



19.0429, 20.8343, 16.6058



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.



43.7675, 50.5908, 20.2908



77.6489, 90.8636, 28.5073



34.3211, 46.0486, 19.9120



10.9037, 11.7388, 10.7530



27.0073, 32.3004, 4.8112



1.1700, 1.4018, 0.2089

Inverse Universe

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



20.2815, 16.6789, 53.1893



30.0707, 22.1679, 95.1637



26.6180, 19.7977, 53.4573



9.5370, 9.7652, 12.6671



6.4213, 2.5990, 33.7198



0.2806, 0.1185, 1.4580

Previews

White Background



This preview shows how the XYZ color 43.7663, 50.5885, 20.2898 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 43.7663, 50.5885, 20.2898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

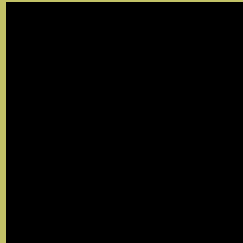
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7663, 50.5885, 20.2898

Background



This preview shows how black text looks on a background with the XYZ color 43.7663, 50.5885, 20.2898.



This preview shows how white text looks on a background with the XYZ color 43.7663, 50.5885,

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

43.7663, 50.5885, 20.2898

Protanopia

46.2787, 50.6002, 19.6396

Deuteranopia

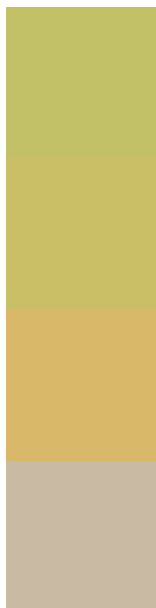
51.5559, 50.5061, 20.6670



Tritanopia

51.7078, 50.3245, 59.8116

Trichromacy



Original Color

43.7663, 50.5885, 20.2898

Protanomaly

45.1688, 50.3428, 19.9068

Deuteranomaly

48.5140, 50.4696, 20.5492

Tritanomaly

47.9892, 50.0415, 41.7800

Monochromacy



Original Color

43.7663, 50.5885, 20.2898

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.0966, 48.4385, 37.5973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7663, 50.5885, 20.2898 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, 193, 103)` looks like.

```
.text, #text, p{  
    color:rgb(194, 193, 103)  
}
```

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, 193, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 193, 103) }
```

Border

The CSS property to change the border of an element to XYZ 43.7663, 50.5885, 20.2898 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, 193, 103) }
```


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

```
.border{ border-color:rgb(194, 193, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 193, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 193, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 193, 103);  
box-shadow:4px 4px 4px 4px rgb(194, 193,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7663, 50.5885, 20.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 193, 103) }
```

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

```
.background{ background-color: rgb(194,  
193, 103) }
```

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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