

Converting Colors

XYZ(43.3140, 42.4671, 21.0748)

Have a look what the booklet for
XYZ(43.3140, 42.4671, 21.0748)
contains.

XYZ(43.2663, 42.4868, 20.9593)	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(43.2663, 42.4868,
20.9593)**

Conversions

Conversions Part 1

Format	Color
Hex	D2A76F
RGB	210, 167, 111
RGB Percent	82%, 65%, 44%
CMY	0.1765, 0.3451, 0.5647
CMYK	0.00, 0.20, 0.47, 0.18
HSL	34°, 52%, 63%
HSV	34°, 47%, 82%
XYZ	43.2663, 42.4868, 20.9593
YIQ	173.4730, 43.6040, -8.3000

Conversions

Conversions Part 2

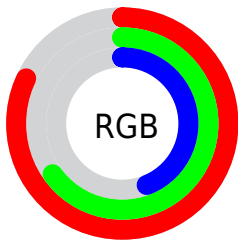
Format	Color
RYB	187, 210, 111
Decimal	13805423
CIELab	71.21, 8.74, 34.88
CIELCh	71, 35.954, 75.926
Yxy	42.4868, 0.4054, 0.3981
Android (android.graphics.Color)	4291995503 (0xFFD2A76F)
YUV	173.4730, -30.7992, 32.0342
Hunter-Lab	65.1819, 4.4160, 26.5626

Details

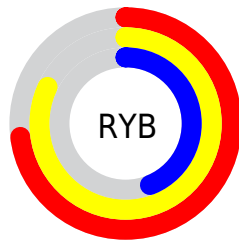
The XYZ color **43.2663, 42.4868, 20.9593** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.7435, 31.1426, 65.4160**, and the grayscale version is **40.1000, 42.1883, 45.9430**.

A 20% lighter version of the original color is **73.9721, 76.1469, 45.4494**, and **20.1371, 19.3816, 7.2371** is the 20% darker color. If you saturate the color by 10%, you get **40.6311, 38.8545, 15.0314**, and if you desaturate by 10%, it is **46.2932, 46.4676, 28.3596**.

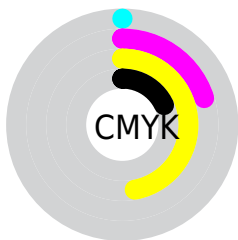
Distribution



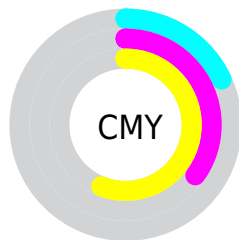
- Red (82%)
- Green (65%)
- Blue (44%)



- Red (73%)
- Yellow (82%)
- Blue (44%)



- Cyan (0%)
- Magenta (20%)
- Yellow (47%)
- Black (18%)





- Cyan (18%)
- Magenta (35%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2663, 42.4868, 20.9593 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 43.2663, 42.4868, 20.9593 by changing the saturation by 10% instead.


 43.2663, 42.4868,
20.9593

 43.2663, 42.4868,
20.9593


350.6088,
356.4970, 269.8361

 30.2895, 29.4827,
12.9033


 79.3658, 78.9358,
45.8997


 20.2076, 19.4462,
7.2320


 103.2192,
103.1495, 63.6212

 12.6552, 11.9932,
3.5270


 131.4289,
131.8685, 85.4016

 7.2669, 6.7390,
1.3696

 164.3602,
165.4772, 111.6594

 3.6774, 3.2994,
0.1179

202.3785,
204.3600, 142.8132

 1.5213, 1.2900,
0.0000

245.8491,

 0.3402, 0.1334,

248.9013, 179.2816

0.0000

295.1374,
299.4855, 221.4830

■ 0.0000, 0.0000,
0.0000

■ 43.2663, 42.4868,
20.9593

■ 43.2663, 42.4868,
20.9593

■ 40.6311, 38.8545,
15.0314

■ 46.2932, 46.4676,
28.3596

■ 38.3629, 35.5520,
10.4708

■ 49.7286, 50.8025,
37.3226

■ 36.4381, 32.5677,
7.1622

■ 53.5917, 55.5043,
47.9340

■ 34.8288, 29.8861,
4.9699

■ 57.8997, 60.5836,
60.2729

■ 33.4978, 27.4881,
3.7126

■ 62.6685, 66.0502,
74.4128

■ 33.1511, 26.8473,
3.4348

■ 67.9132, 71.9134,
90.4232

■ 73.1612, 77.9875,
105.8048

■ 75.7785, 83.2221,
106.6773

■ 78.5308, 88.7266,
107.5947

Harmonies

Analogous

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



48.9910, 42.4868, 26.2794



43.2663, 42.4868, 20.9593



37.2854, 42.4868, 21.1236

Triad

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



43.2663, 42.4868, 20.9593



30.2327, 42.4868, 55.9783



49.2931, 42.4868, 73.3980

Complementary

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



43.2663, 42.4868, 20.9593



29.7435, 31.1426, 65.4160

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.



43.6464, 42.4868, 86.0753



43.2663, 42.4868, 20.9593



32.8464, 42.4868, 74.4352

Square

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



43.2663, 42.4868, 20.9593



30.1528, 42.4868, 38.6510



37.6296, 42.4868, 86.4962



52.6978, 42.4868, 54.8093

Rectangle

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



43.2663, 42.4868, 20.9593



33.9576, 42.4868, 24.2549



37.6296, 42.4868, 86.4962



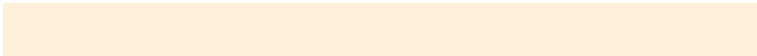
47.5704, 42.4868, 78.6748

Sweetspot

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



43.2673, 42.4888, 20.9601



85.0776, 88.4140, 79.8066



38.2257, 27.4560, 34.5382



17.9081, 18.5648, 16.2275



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.



43.2673, 42.4888, 20.9601



62.8578, 60.0229, 22.9247



51.1064, 60.2270, 23.9708



12.3557, 12.9021, 12.4512



20.3234, 16.5799, 2.1291



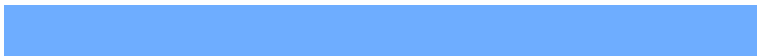
1.2145, 1.0833, 0.1451

Inverse Universe

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



29.7435, 31.1426, 65.4160



39.3373, 40.3133, 100.3157



24.5135, 19.7321, 63.4892



11.5800, 12.2502, 14.9978



9.4844, 7.6155, 38.1625



0.6085, 0.5823, 2.1599

Previews

White Background



This preview shows how the XYZ color 43.2663, 42.4868, 20.9593 looks on a white background.

Color Contrast Check

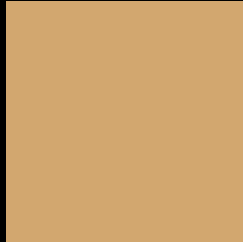
Large Text (above 18pt) WCAG AA × Fail

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 43.2663, 42.4868, 20.9593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

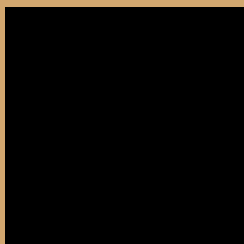
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2663, 42.4868, 20.9593

Background



This preview shows how black text looks on a background with the XYZ color 43.2663, 42.4868, 20.9593.



This preview shows how white text looks on a background with the XYZ color 43.2663, 42.4868,

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

43.2663, 42.4868, 20.9593

Protanopia

39.6024, 42.8220, 22.0978

Deuteranopia

43.2663, 42.4868, 20.9593



Tritanopia

48.1634, 42.3738, 44.6702

Trichromacy



Original Color

43.2663, 42.4868, 20.9593

Protanomaly

40.7591, 42.5676, 21.6909

Deuteranomaly

43.2663, 42.4868, 20.9593

Tritanomaly

46.1569, 42.3388, 34.5936

Monochromacy



Original Color

43.2663, 42.4868, 20.9593

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.3176, 41.7669, 34.7910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2663, 42.4868, 20.9593 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(210, 167, 111)` looks like.

```
.text, #text, p{  
    color:rgb(210, 167, 111)  
}
```

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(210, 167, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 167, 111) }
```

Border

The CSS property to change the border of an element to XYZ 43.2663, 42.4868, 20.9593 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(210, 167, 111) }
```


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

```
.border{ border-color:rgb(210, 167, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 167, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 167, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 167, 111);  
box-shadow:4px 4px 4px 4px rgb(210, 167,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2663, 42.4868, 20.9593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 167, 111) }
```

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

```
.background{ background-color: rgb(210,  
167, 111) }
```

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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