

Converting Colors

XYZ(40.9744, 40.2074, 29.7400)

Have a look what the booklet for
XYZ(40.9744, 40.2074, 29.7400)
contains.

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Color

**XYZ(40.8889, 40.2562,
29.6599)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A48A
RGB	197, 164, 138
RGB Percent	77%, 64%, 54%
CMY	0.2274, 0.3568, 0.4588
CMYK	0.00, 0.17, 0.30, 0.23
HSL	26°, 34%, 66%
HSV	26°, 30%, 77%
XYZ	40.8889, 40.2562, 29.6599
YIQ	170.9030, 28.0140, -1.0900

Conversions

Conversions Part 2

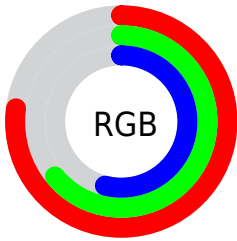
Format	Color
R _Y B	197, 184, 138
Decimal	12952714
CIE Lab	69.65, 8.26, 18.03
CIE LCh	70, 19.830, 65.378
Yxy	40.2562, 0.3690, 0.3633
Android (android.graphics.Color)	4291142794 (0xFFC5A48A)
YUV	170.9030, -16.2212, 22.8871
Hunter-Lab	63.4478, 4.0007, 16.6972

Details

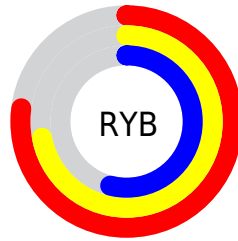
The XYZ color **40.8889, 40.2562, 29.6599** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.1219, 38.5593, 58.4151**, and the grayscale version is **38.7299, 40.7468, 44.3733**.

A 20% lighter version of the original color is **75.7190, 75.5396, 60.4590**, and **18.7110, 18.0437, 11.7291** is the 20% darker color. If you saturate the color by 10%, you get **37.7032, 35.9639, 22.1881**, and if you desaturate by 10%, it is **44.5062, 44.9973, 38.5528**.

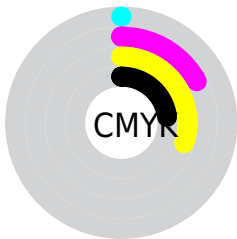
Distribution



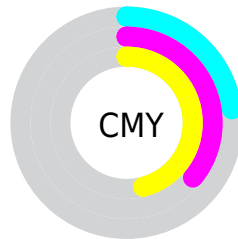
- Red (77%)
- Green (64%)
- Blue (54%)



- Red (77%)
- Yellow (72%)
- Blue (54%)



- Cyan (0%)
- Magenta (17%)
- Yellow (30%)
- Black (23%)





- Cyan (23%)
- Magenta (36%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.8889, 40.2562, 29.6599 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 40.8889, 40.2562, 29.6599 by changing the saturation by 10% instead.


 40.8889, 40.2562,
29.6599


 40.8889, 40.2562,
29.6599


340.9266,
347.2022, 314.4737


 28.4196, 27.7384,
19.3307


 75.7910, 75.5535,
60.1785

 18.7842, 18.1285,
11.7303


 98.9544, 99.1017,
81.2051

 11.6176, 11.0423,
6.4400


 126.4133,
127.0955, 106.6345

 6.5542, 6.0953,
3.0413

158.5330,
159.9193, 136.8854

 3.2287, 2.9031,
1.1158

195.6788,
197.9575, 172.3762

 1.2758, 1.0814,
0.0000

238.2161,

 0.1650, 0.0000,

241.5945, 213.5255

0.0000

286.5102,
291.2146, 260.7518

■ 0.0000, 0.0000,
0.0000

■ 40.8889, 40.2562,
29.6599

■ 40.8889, 40.2562,
29.6599

■ 37.7032, 35.9639,
22.1881

■ 44.5062, 44.9973,
38.5528

■ 34.9277, 32.1007,
16.0599

■ 48.5692, 50.1952,
48.9339

■ 32.5437, 28.6534,
11.1937


■ 53.0949, 55.8646,
60.8689


■ 30.5294, 25.6057,
7.4984


■ 58.0986, 62.0178,
74.4189


■ 28.8605, 22.9400,
4.8700


■ 63.5948, 68.6666,
89.6417


 27.5090, 20.6370,
3.1860


 69.4032, 75.7447,
105.5700

 26.4254, 18.6681,
2.2134

 72.5688, 82.0758,
106.6252

 26.4203, 18.6588,
2.2090

 75.9316, 88.8015,
107.7461

 76.8361, 90.6104,
108.0476

Harmonies

Analogous

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



43.5127, 40.2562, 34.3832



40.8889, 40.2562, 29.6599



37.6873, 40.2562, 28.4979

Triad

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



40.8889, 40.2562, 29.6599



32.4464, 40.2562, 45.5082



41.9441, 40.2562, 59.8629

Complementary

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



40.8889, 40.2562, 29.6599



35.1219, 38.5593, 58.4151

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.



38.8431, 40.2562, 63.8668



40.8889, 40.2562, 29.6599



33.4523, 40.2562, 54.8708

Square

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



40.8889, 40.2562, 29.6599



32.9266, 40.2562, 36.8795



35.7507, 40.2562, 61.9234



44.1453, 40.2562, 51.6079

Rectangle

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



40.8889, 40.2562, 29.6599



35.6802, 40.2562, 29.7359



35.7507, 40.2562, 61.9234



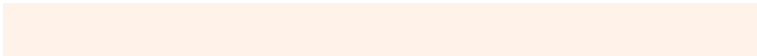
40.9661, 40.2562, 61.7994

Sweetspot

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



40.8899, 40.2581, 29.6607



87.6139, 90.6916, 89.2687



39.5069, 33.0046, 43.0337



18.5097, 19.1039, 18.4752



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.



40.8899, 40.2581, 29.6607



69.3810, 66.9360, 44.0075



46.6984, 51.8750, 31.5969



11.0121, 11.3934, 11.1815



17.4581, 12.4333, 1.4797



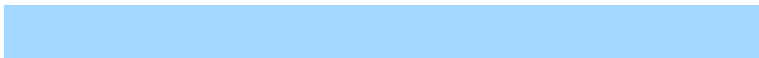
0.8985, 0.7325, 0.0940

Inverse Universe

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



35.1219, 38.5593, 58.4151



57.3786, 63.3944, 103.8199



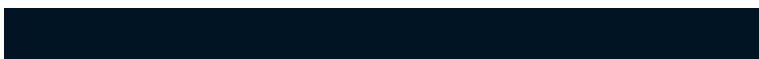
30.2228, 28.7612, 56.7821



10.5404, 11.2549, 13.5344



10.3931, 10.1800, 36.1615



0.5634, 0.6246, 1.7360

Previews

White Background



This preview shows how the XYZ color 40.8889, 40.2562, 29.6599 looks on a white background.

Color Contrast Check

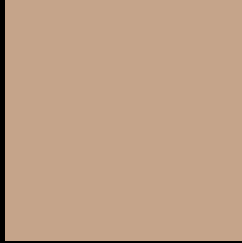
Large Text (above 18pt) WCAG AA × Fail

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 40.8889, 40.2562, 29.6599 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 40.8889, 40.2562, 29.6599

Background



This preview shows how black text looks on a background with the XYZ color 40.8889, 40.2562, 29.6599.



This preview shows how white text looks on a background with the XYZ color 40.8889, 40.2562,

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

40.8889, 40.2562, 29.6599

Protanopia

38.0048, 40.3758, 30.9895

Deuteranopia

41.1516, 40.3917, 29.6722



Tritanopia

43.9319, 40.1923, 44.4722

Trichromacy



Original Color

40.8889, 40.2562, 29.6599

Protanomaly

38.9860, 40.3378, 30.5421

Deuteranomaly

41.1516, 40.3917, 29.6722

Tritanomaly

42.9094, 40.3072, 38.7762

Monochromacy



Original Color

40.8889, 40.2562, 29.6599

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.0830, 40.2118, 38.5026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8889, 40.2562, 29.6599 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(197, 164, 138)` looks like.

```
.text, #text, p{  
    color:rgb(197, 164, 138)  
}
```

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(197, 164, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 164, 138) }
```

Border

The CSS property to change the border of an element to XYZ 40.8889, 40.2562, 29.6599 is called "border". The border property can be set on classes, ids or directly on the HTML element.

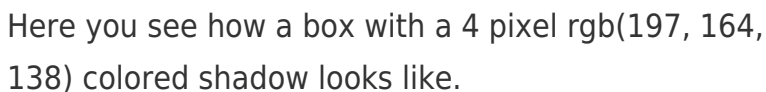
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 164, 138) }
```


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

```
.border{ border-color:rgb(197, 164, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 164, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 164, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 164, 138); box-shadow:4px 4px 4px 4px rgb(197, 164, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8889, 40.2562, 29.6599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 164, 138) }
```

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

```
.background{ background-color: rgb(197,  
164, 138) }
```

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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