

Converting Colors

XYZ(41.6814, 41.0434, 33.1071)

Have a look what the booklet for
XYZ(41.6814, 41.0434, 33.1071)
contains.

XYZ(41.5895, 41.0835, 32.9320)	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(41.5895, 41.0835,
32.9320)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A692
RGB	196, 166, 146
RGB Percent	77%, 65%, 57%
CMY	0.2314, 0.3490, 0.4274
CMYK	0.00, 0.15, 0.26, 0.23
HSL	24°, 30%, 67%
HSV	24°, 26%, 77%
XYZ	41.5895, 41.0835, 32.9320
YIQ	172.6900, 24.3000, 0.1400

Conversions

Conversions Part 2

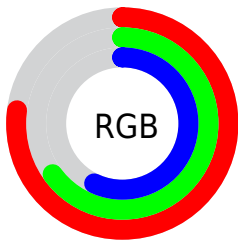
Format	Color
R _Y B	196, 179, 146
Decimal	12887698
CIE Lab	70.23, 7.89, 14.43
CIE LCh	70, 16.447, 61.320
Yxy	41.0835, 0.3598, 0.3554
Android (android.graphics.Color)	4291077778 (0xFFC4A692)
YUV	172.6900, -13.1582, 20.4429
Hunter-Lab	64.0964, 3.6525, 14.4050

Details

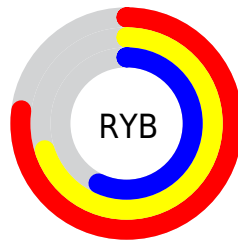
The XYZ color **41.5895, 41.0835, 32.9320** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.3429, 41.1461, 58.1987**, and the grayscale version is **39.6197, 41.6830, 45.3928**.

A 20% lighter version of the original color is **76.7898, 76.7657, 65.4136**, and **19.2382, 18.6116, 13.4049** is the 20% darker color. If you saturate the color by 10%, you get **38.1532, 36.4452, 24.8984**, and if you desaturate by 10%, it is **45.4848, 46.2211, 42.4092**.

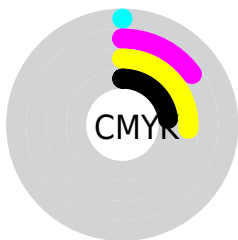
Distribution



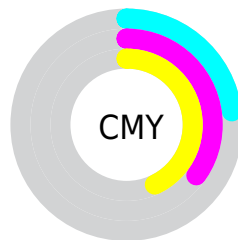
- Red (77%)
- Green (65%)
- Blue (57%)



- Red (77%)
- Yellow (70%)
- Blue (57%)



- Cyan (0%)
- Magenta (15%)
- Yellow (26%)
- Black (23%)




- Cyan (23%)
- Magenta (35%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5895, 41.0835, 32.9320 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 41.5895, 41.0835, 32.9320 by changing the saturation by 10% instead.


 41.5895, 41.0835,
32.9320


 41.5895, 41.0835,
32.9320


343.7991,
350.6695, 329.9658

 28.9697, 28.3843,
21.8037


 76.8470, 76.8106,
65.3841

 19.2021, 18.6156,
13.5158

 100.2155,
100.6074, 87.5450

 11.9212, 11.3928,
7.6498


127.8975,
128.8721, 114.2205

 6.7619, 6.3317,
3.7871

160.2585,
161.9893, 145.8291

 3.3586, 3.0478,
1.5093

197.6638,
200.3432, 182.7894

 1.3461, 1.1567,
0.2248

240.4788,

 0.2174, 0.0259,

244.3182, 225.5200

0.0000

289.0687,
294.2989, 274.4392

■ 0.0000, 0.0000,
0.0000

■ 41.5895, 41.0835,
32.9320

■ 41.5895, 41.0835,
32.9320

■ 38.1532, 36.4452,
24.8984

■ 45.4848, 46.2211,
42.4092

■ 35.1542, 32.2847,
18.2339

■ 49.8534, 51.8672,
53.3943

■ 32.5736, 28.5872,
12.8610

■ 54.7126, 58.0382,
65.9508

■ 30.3897, 25.3350,
8.6937

■ 60.0782, 64.7476,
80.1379

■ 28.5785, 22.5089,
5.6348

■ 65.9649, 72.0086,
96.0115

■ 27.1127, 20.0880,
3.5723

■ 70.9709, 79.2674,
106.1673

■ 25.9600, 18.0485,
2.3682

■ 74.4793, 86.2842,
107.3368

■ 25.5191, 17.2438,
1.9834

■ 76.5751, 90.4758,
108.0354

Harmonies

Analogous

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



43.6463, 41.0835, 37.4513



41.5895, 41.0835, 32.9320



38.9293, 41.0835, 31.4724

Triad

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



41.5895, 41.0835, 32.9320



34.0923, 41.0835, 45.0759



41.8056, 41.0835, 58.6512

Complementary

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



41.5895, 41.0835, 32.9320



37.3429, 41.1461, 58.1987

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.



39.1682, 41.0835, 61.2762



41.5895, 41.0835, 32.9320



34.7857, 41.0835, 52.9021

Square

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



41.5895, 41.0835, 32.9320



34.6753, 41.0835, 37.9800



36.6134, 41.0835, 59.0619



43.7751, 41.0835, 52.2424

Rectangle

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



41.5895, 41.0835, 32.9320



37.1942, 41.0835, 32.2798



36.6134, 41.0835, 59.0619



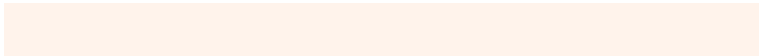
40.9638, 41.0835, 60.0364

Sweetspot

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



41.5906, 41.0854, 32.9329



88.1569, 91.1936, 91.2504



40.8807, 35.4286, 45.7585



18.6058, 19.1797, 18.8658



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.



41.5906, 41.0854, 32.9329



71.5242, 69.2979, 50.6545



46.5844, 51.0731, 34.5975



10.3965, 10.7245, 10.5839



16.4763, 11.2383, 1.3008



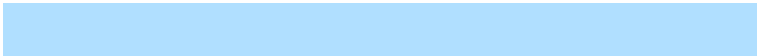
0.7793, 0.6204, 0.0787

Inverse Universe

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



37.3429, 41.1461, 58.1987



62.4309, 69.4197, 104.7166



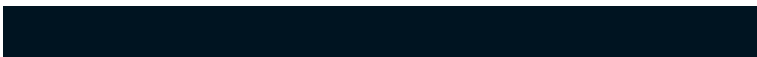
32.8850, 32.2303, 56.7127



10.0195, 10.7303, 12.8279



10.6196, 10.9957, 35.1193



0.5248, 0.6070, 1.5394

Previews

White Background



This preview shows how the XYZ color 41.5895, 41.0835, 32.9320 looks on a white background.

Color Contrast Check

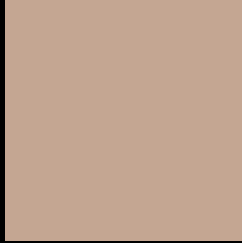
Large Text (above 18pt) WCAG AA × Fail

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 41.5895, 41.0835, 32.9320 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 41.5895, 41.0835, 32.9320

Background



This preview shows how black text looks on a background with the XYZ color 41.5895, 41.0835, 32.9320.



This preview shows how white text looks on a background with the XYZ color 41.5895, 41.0835,

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

41.5895, 41.0835, 32.9320

Protanopia

38.8101, 40.9990, 34.3019

Deuteranopia

41.9321, 40.9914, 32.8962



Tritanopia

44.1135, 41.0388, 45.6406

Trichromacy



Original Color

41.5895, 41.0835, 32.9320

Protanomaly

39.7830, 40.9532, 33.8249

Deuteranomaly

41.6694, 40.8559, 32.8839

Tritanomaly

43.0867, 40.8805, 40.7418

Monochromacy



Original Color

41.5895, 41.0835, 32.9320

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.0416, 41.2176, 40.4957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5895, 41.0835, 32.9320 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(196, 166, 146)` looks like.

```
.text, #text, p{  
    color:rgb(196, 166, 146)  
}
```

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(196, 166, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 166, 146) }
```

Border

The CSS property to change the border of an element to XYZ 41.5895, 41.0835, 32.9320 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(196, 166, 146) }
```


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

```
.border{ border-color:rgb(196, 166, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 166, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 166, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 166, 146);  
box-shadow:4px 4px 4px 4px rgb(196, 166,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5895, 41.0835, 32.9320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 166, 146) }
```

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

```
.background{ background-color: rgb(196,  
166, 146) }
```

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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