

Converting Colors

XYZ(41.8019, 42.5175, 32.6458)

Have a look what the booklet for
XYZ(41.8019, 42.5175, 32.6458)
contains.

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Color

**XYZ(41.9219, 42.6395,
32.8088)**

Conversions

Conversions Part 1

Format	Color
Hex	C2AB91
RGB	194, 171, 145
RGB Percent	76%, 67%, 57%
CMY	0.2392, 0.3294, 0.4314
CMYK	0.00, 0.12, 0.25, 0.24
HSL	32°, 29%, 66%
HSV	32°, 25%, 76%
XYZ	41.9219, 42.6395, 32.8088
YIQ	174.9130, 22.0540, -3.2100

Conversions

Conversions Part 2

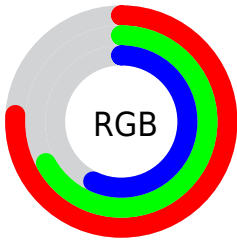
Format	Color
R_{YB}	188, 194, 145
Decimal	12757905
CIE _{Lab}	71.31, 4.27, 16.45
CIE _{LCh}	71, 16.995, 75.458
Yxy	42.6395, 0.3572, 0.3633
Android (android.graphics.Color)	4290947985 (0xFFC2AB91)
YUV	174.9130, -14.7471, 16.7393
Hunter-Lab	65.2989, 0.3238, 15.9196

Details

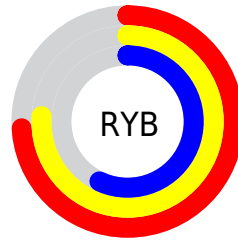
The XYZ color **41.9219, 42.6395, 32.8088** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.4170, 37.9191, 56.4916**, and the grayscale version is **40.7694, 42.8926, 46.7100**.

A 20% lighter version of the original color is **77.2888, 79.0255, 65.2127**, and **19.4324, 19.5773, 13.3443** is the 20% darker color. If you saturate the color by 10%, you get **38.8912, 38.7710, 25.0379**, and if you desaturate by 10%, it is **45.3288, 46.8510, 41.9664**.

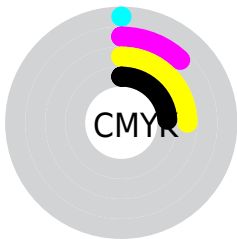
Distribution



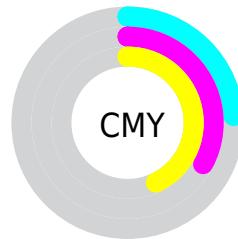
- Red (76%)
- Green (67%)
- Blue (57%)



- Red (74%)
- Yellow (76%)
- Blue (57%)



- Cyan (0%)
- Magenta (12%)
- Yellow (25%)
- Black (24%)





- Cyan (24%)
- Magenta (33%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9219, 42.6395, 32.8088 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 41.9219, 42.6395, 32.8088 by changing the saturation by 10% instead.


 41.9219, 42.6395,
32.8088


 41.9219, 42.6395,
32.8088


345.1562,
357.1271, 329.3928

 29.2310, 29.6024,
21.7101


 77.3473, 79.1666,
65.1895

 19.4008, 19.5370,
13.4478


 100.8125,
103.4253, 87.3085

 12.0660, 12.0589,
7.6033


128.5999,
132.1933, 113.9381

 6.8611, 6.7838,
3.7580

161.0747,
165.8551, 145.4967

 3.4210, 3.3273,
1.4936

198.6024,
204.7949, 182.4030

 1.3801, 1.3049,
0.2131

241.5483,

 0.2420, 0.1450,

249.3973, 225.0754

0.0000

290.2778,
300.0466, 273.9325

■ 0.0000, 0.0000,
0.0000

■ 41.9219, 42.6395,
32.8088

■ 41.9219, 42.6395,
32.8088

■ 38.8912, 38.7710,
25.0379

■ 45.3288, 46.8510,
41.9664

■ 36.2181, 35.2299,
18.5818

■ 49.1228, 51.4091,
52.5723

■ 33.8870, 32.0074,
13.3663


■ 53.3188, 56.3248,
64.6875

■ 31.8799, 29.0923,
9.3087


■ 57.9293, 61.6066,
78.3688


■ 30.1766, 26.4724,
6.3156


■ 62.9668, 67.2629,
93.6700

 28.7541, 24.1341,
4.2796


 67.3947, 72.8823,
105.1234

 27.5849, 22.0620,
3.0687

 69.9313, 77.9554,
105.9689

 27.0940, 21.1609,
2.6565

 72.6012, 83.2953,
106.8589

 75.4064, 88.9058,
107.7939

Harmonies

Analogous

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



44.5022, 42.6395, 36.0971



41.9219, 42.6395, 32.8088



39.0816, 42.6395, 32.8605

Triad

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



41.9219, 42.6395, 32.8088



35.4625, 42.6395, 50.7458



44.5683, 42.6395, 58.3537

Complementary

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



41.9219, 42.6395, 32.8088



35.4170, 37.9191, 56.4916

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.



42.0087, 42.6395, 63.2923



41.9219, 42.6395, 32.8088



36.7969, 42.6395, 58.5610

Square

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



41.9219, 42.6395, 32.8088



35.4417, 42.6395, 42.5897



39.1645, 42.6395, 63.3724



46.0781, 42.6395, 50.4885

Rectangle

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



41.9219, 42.6395, 32.8088



37.4251, 42.6395, 34.7604



39.1645, 42.6395, 63.3724



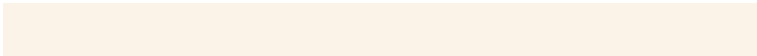
43.7969, 42.6395, 60.4498

Sweetspot

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



41.9230, 42.6414, 32.8097



86.9518, 90.7046, 89.4581



39.5057, 34.5734, 41.9721



18.8075, 19.5832, 18.9330



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.



41.9230, 42.6414, 32.8097



73.0044, 73.5204, 51.7893



46.4420, 51.9898, 34.3759



10.5058, 10.9430, 10.6204



17.8962, 14.0781, 1.7741



0.8418, 0.7453, 0.0995

Inverse Universe

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



35.4170, 37.9191, 56.4916



59.3167, 63.5865, 101.6169



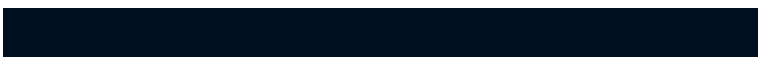
31.6850, 30.2406, 55.2062



9.9093, 10.5099, 12.7912



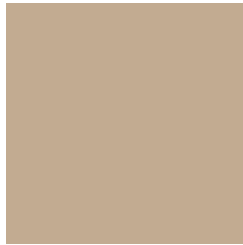
8.9451, 7.6466, 34.5611



0.4554, 0.4683, 1.5163

Previews

White Background



This preview shows how the XYZ color 41.9219, 42.6395, 32.8088 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 41.9219, 42.6395, 32.8088 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 41.9219, 42.6395, 32.8088

Background



This preview shows how black text looks on a background with the XYZ color 41.9219, 42.6395, 32.8088.



This preview shows how white text looks on a background with the XYZ color 41.9219, 42.6395,

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

41.9219, 42.6395, 32.8088

Protanopia

40.1697, 42.5690, 33.7032

Deuteranopia

43.5481, 42.6371, 33.1287



Tritanopia

45.0616, 42.5329, 48.4825

Trichromacy



Original Color

41.9219, 42.6395, 32.8088

Protanomaly

40.8709, 42.6538, 33.2730

Deuteranomaly

42.9295, 42.5934, 33.1528

Tritanomaly

44.0036, 42.6656, 42.4753

Monochromacy



Original Color

41.9219, 42.6395, 32.8088

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.1283, 42.8975, 41.2343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9219, 42.6395, 32.8088 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, 171, 145)` looks like.

```
.text, #text, p{  
    color:rgb(194, 171, 145)  
}
```

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, 171, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 171, 145) }
```

Border

The CSS property to change the border of an element to XYZ 41.9219, 42.6395, 32.8088 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, 171, 145) }
```


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

```
.border{ border-color:rgb(194, 171, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 171, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 171, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 171, 145);  
box-shadow:4px 4px 4px 4px rgb(194, 171,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9219, 42.6395, 32.8088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 171, 145) }
```

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

```
.background{ background-color: rgb(194,  
171, 145) }
```

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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