

Converting Colors

XYZ(40.9004, 47.8640, 32.2823)

Have a look what the booklet for
XYZ(40.9004, 47.8640, 32.2823)
contains.

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Color

**XYZ(40.9004, 47.8640,
32.2823)**

Conversions

Conversions Part 1

Format	Color
Hex	AFBE8D
RGB	175, 190, 141
RGB Percent	69%, 75%, 55%
CMY	0.3137, 0.2549, 0.4471
CMYK	0.08, 0.00, 0.26, 0.25
HSL	78°, 27%, 65%
HSV	78°, 26%, 75%
XYZ	40.9004, 47.8640, 32.2823
YIQ	179.9290, 6.7890, -18.4190

Conversions

Conversions Part 2

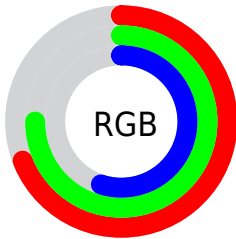
Format	Color
RYB	141, 190, 156
Decimal	11517581
CIELab	74.74, -13.63, 23.08
CIELCh	75, 26.809, 120.562
Yxy	47.8640, 0.3379, 0.3954
Android (android.graphics.Color)	4289707661 (0xFFAFBE8D)
YUV	179.9290, -19.1920, -4.3227
Hunter-Lab	69.1838, -15.5452, 20.7630

Details

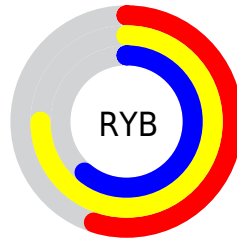
The XYZ color **40.9004, 47.8640, 32.2823** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.5314, 29.8367, 52.7624**, and the grayscale version is **43.4426, 45.7050, 49.7727**.

A 20% lighter version of the original color is **75.7611, 86.8406, 64.3986**, and **18.8172, 22.7671, 13.0756** is the 20% darker color. If you saturate the color by 10%, you get **38.3288, 46.6894, 25.4046**, and if you desaturate by 10%, it is **43.7733, 49.1689, 40.4422**.

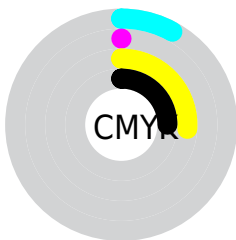
Distribution



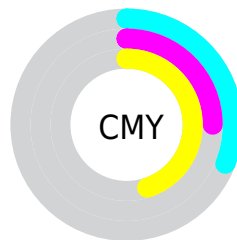
- Red (69%)
- Green (75%)
- Blue (55%)



- Red (55%)
- Yellow (75%)
- Blue (61%)



- Cyan (8%)
- Magenta (0%)
- Yellow (26%)
- Black (25%)




- Cyan (31%)
- Magenta (25%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9004, 47.8640, 32.2823 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 40.9004, 47.8640, 32.2823 by changing the saturation by 10% instead.


 40.9004, 47.8640,
32.2823


 40.9004, 47.8640,
32.2823


340.9739,
378.2528, 326.9355


 28.4286, 33.7192,
21.3106

 75.8083, 87.0019,
64.3564

 18.7911, 22.6780,
13.1578


 98.9752, 112.7637,
86.2959

 11.6225, 14.3559,
7.4053


 126.4377,
143.1668, 112.7285

 6.5576, 8.3686,
3.6346

158.5614,
178.5953, 144.0726

 3.2308, 4.3317,
1.4271

195.7115,
219.4338, 180.7468

 1.2770, 1.8608,
0.1627

238.2533,

 0.1659, 0.5246,

266.0666, 223.1697

0.0000

286.5524,
318.8781, 271.7597

■ 0.0000, 0.0000,
0.0000

■ 40.9004, 47.8640,
32.2823

■ 40.9004, 47.8640,
32.2823

■ 38.3288, 46.6894,
25.4046

■ 43.7733, 49.1689,
40.4422

■ 36.0418, 45.6334,
19.7407

■ 46.9560, 50.6027,
49.9417

■ 34.0264, 44.6923,
15.2207


■ 50.4612, 52.1721,
60.8386


■ 32.2669, 43.8599,
11.7662


■ 54.2997, 53.8816,
73.1864


■ 30.7460, 43.1291,
9.2890


■ 58.4817, 55.7353,
87.0357

 29.4434, 42.4917,
7.6867

 63.0163, 57.7369,
102.4308

 28.3339, 41.9375,
6.8311

 64.7021, 58.6060,
102.5097

 27.9032, 41.7206,
6.5822

 66.4487, 59.5064,
102.5914

 68.2567, 60.4385,
102.6760

Harmonies

Analogous

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



45.4016, 47.8640, 29.6534



40.9004, 47.8640, 32.2823



37.8228, 47.8640, 40.0258

Triad

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



40.9004, 47.8640, 32.2823



41.0486, 47.8640, 79.1041



55.5037, 47.8640, 51.8534

Complementary

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



40.9004, 47.8640, 32.2823



32.5314, 29.8367, 52.7624

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.



54.1365, 47.8640, 66.4238



40.9004, 47.8640, 32.2823



45.5851, 47.8640, 83.7596

Square

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



40.9004, 47.8640, 32.2823



37.9040, 47.8640, 66.9602



50.4178, 47.8640, 78.7576



54.0336, 47.8640, 39.6453

Rectangle

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



40.9004, 47.8640, 32.2823



36.8748, 47.8640, 47.8446



50.4178, 47.8640, 78.7576



55.3598, 47.8640, 56.6338

Sweetspot

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



40.9016, 47.8661, 32.2833



83.6858, 91.0650, 86.2470



37.8829, 36.5481, 30.2578



18.1799, 19.9085, 18.3469



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.9016, 47.8661, 32.2833



71.3881, 85.4904, 51.1029



35.9482, 45.3125, 32.0515



10.0302, 10.9700, 10.1654



18.6360, 27.7831, 4.3805



0.7938, 1.1212, 0.1746

Inverse Universe

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



32.5314, 29.8367, 52.7624



53.6301, 47.2280, 94.5684



37.6899, 32.4960, 53.0038



9.2839, 9.3632, 11.9902



7.4184, 3.1104, 32.6023



0.3594, 0.1573, 1.2803

Previews

White Background



This preview shows how the XYZ color 40.9004, 47.8640, 32.2823 looks on a white background.

Color Contrast Check

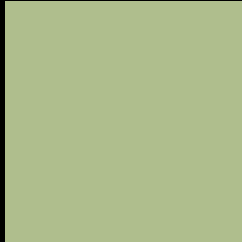
Large Text (above 18pt) WCAG AA × Fail

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 40.9004, 47.8640, 32.2823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

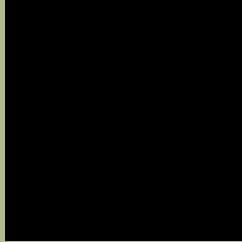
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9004, 47.8640, 32.2823

Background



This preview shows how black text looks on a background with the XYZ color 40.9004, 47.8640, 32.2823.



This preview shows how white text looks on a background with the XYZ color 40.9004, 47.8640,

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

40.9004, 47.8640, 32.2823

Protanopia

44.5469, 47.5723, 30.8792

Deuteranopia

48.5837, 47.5114, 32.9955



Tritanopia

46.5400, 47.9655, 59.6287

Trichromacy



Original Color

40.9004, 47.8640, 32.2823

Protanomaly

43.2054, 47.8007, 31.3754

Deuteranomaly

45.3012, 47.3103, 32.7308

Tritanomaly

44.3171, 47.9954, 48.5233

Monochromacy



Original Color

40.9004, 47.8640, 32.2823

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.3835, 46.4991, 42.8178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9004, 47.8640, 32.2823 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(175, 190, 141)` looks like.

```
.text, #text, p{  
    color:rgb(175, 190, 141)  
}
```

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(175, 190, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 190, 141) }
```

Border

The CSS property to change the border of an element to XYZ 40.9004, 47.8640, 32.2823 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(175, 190, 141) }
```


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

```
.border{ border-color:rgb(175, 190, 141) }
```

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

Here you see how a box with a 4 pixel rgb(175, 190, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 190, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 190, 141);  
box-shadow:4px 4px 4px 4px rgb(175, 190,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9004, 47.8640, 32.2823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 190, 141) }
```

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

```
.background{ background-color: rgb(175,  
190, 141) }
```

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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