

Converting Colors

XYZ(41.2309, 47.2641, 23.7794)

Have a look what the booklet for
XYZ(41.2309, 47.2641, 23.7794)
contains.

XYZ(41.2309, 47.2641, 23.7794) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 28

CSS Examples 31

Color

**XYZ(41.2309, 47.2641,
23.7794)**

Conversions

Conversions Part 1

Format	Color
Hex	BABB75
RGB	186, 187, 117
RGB Percent	73%, 73%, 46%
CMY	0.2706, 0.2666, 0.5412
CMYK	0.01, 0.00, 0.37, 0.27
HSL	61°, 34%, 60%
HSV	61°, 37%, 73%
XYZ	41.2309, 47.2641, 23.7794
YIQ	178.7210, 21.8740, -21.9820

Conversions

Conversions Part 2

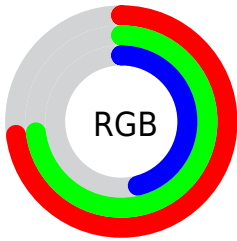
Format	Color
RYB	117, 187, 118
Decimal	12237685
CIELab	74.36, -10.98, 35.35
CIELCh	74, 37.014, 107.251
Yxy	47.2641, 0.3672, 0.4210
Android (android.graphics.Color)	4290427765 (0xFFBABB75)
YUV	178.7210, -30.4285, 6.3837
Hunter-Lab	68.7489, -13.2584, 27.6165

Details

The XYZ color **41.2309, 47.2641, 23.7794** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **22.8039, 20.1632, 49.7065**, and the grayscale version is **42.8489, 45.0803, 49.0925**.

A 20% lighter version of the original color is **76.2684, 86.0582, 50.6213**, and **19.0539, 22.3610, 8.6220** is the 20% darker color. If you saturate the color by 10%, you get **40.1748, 46.8358, 18.5528**, and if you desaturate by 10%, it is **42.5092, 47.7846, 30.1648**.

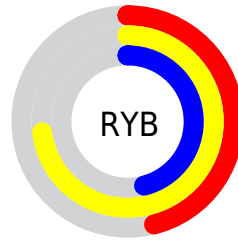
Distribution



Red (73%)

Green (73%)

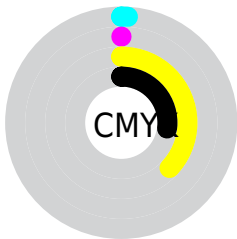
Blue (46%)



Red (46%)

Yellow (73%)

Blue (46%)

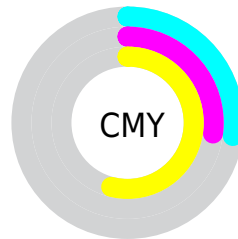


Cyan (1%)

Magenta (0%)

Yellow (37%)

Black (27%)



Cyan (27%)

Magenta (27%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2309, 47.2641, 23.7794 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 41.2309, 47.2641, 23.7794 by changing the saturation by 10% instead.

■ 41.2309, 47.2641,
23.7794

■ 41.2309, 47.2641,
23.7794

342.3309,
375.8677, 284.9538

■ 28.6880, 33.2445,
14.9594

■ 76.3068, 86.1077,
50.6093

■ 18.9880, 22.3138,
8.6446

■ 99.5705, 111.7005,
69.4562

■ 11.7656, 14.0877,
4.4165

■ 127.1385,
141.9198, 92.4825

■ 6.6553, 8.1817,
1.8565

159.3762,
177.1500, 120.1068

■ 3.2919, 4.2114,
0.4648

196.6489,
217.7755, 152.7475

■ 1.3099, 1.7925,
0.0000

239.3221,

■ 0.1906, 0.4825,

264.1807, 190.8232

0.0000

287.7609,
316.7500, 234.7525

■ 0.0000, 0.0000,
0.0000

■ 41.2309, 47.2641,
23.7794

■ 41.2309, 47.2641,
23.7794

■ 40.1748, 46.8358,
18.5528

■ 42.5092, 47.7846,
30.1648

■ 39.3241, 46.4880,
14.4128

■ 44.0181, 48.3958,
37.7695

■ 38.6656, 46.2171,
11.2838

■ 45.7701, 49.1041,
46.6534

■ 38.1826, 46.0164,
9.0789

■ 47.7757, 49.9139,
56.8717

■ 37.8562, 45.8784,
7.6973

■ 50.0446, 50.8291,
68.4762

■ 37.6582, 45.7917,
6.9917

■ 52.5861, 51.8533,
81.5160

■ 37.6154, 45.7727,
6.8525

■ 55.4093, 52.9902,
96.0378

■ 56.5968, 53.4729,
101.9461

■ 56.6631, 53.5070,
101.9492

Harmonies

Analogous

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



47.8092, 47.2641, 23.3364



41.2309, 47.2641, 23.7794



36.1590, 47.2641, 30.3639

Triad

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



41.2309, 47.2641, 23.7794



36.7781, 47.2641, 83.3710



58.6088, 47.2641, 59.9890

Complementary

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



41.2309, 47.2641, 23.7794



22.8039, 20.1632, 49.7065

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.



54.9999, 47.2641, 80.5920



41.2309, 47.2641, 23.7794



42.1556, 47.2641, 96.1694

Square

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



41.2309, 47.2641, 23.7794



33.7681, 47.2641, 63.1249



48.8294, 47.2641, 95.0424



58.2984, 47.2641, 41.3331

Rectangle

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



41.2309, 47.2641, 23.7794



34.1166, 47.2641, 38.5417



48.8294, 47.2641, 95.0424



57.7999, 47.2641, 66.9897

Sweetspot

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



41.2321, 47.2662, 23.7804



80.7424, 87.4443, 77.3195



30.0673, 24.5729, 19.9886



17.6861, 19.2184, 16.5465



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



41.2321, 47.2662, 23.7804



72.2449, 83.9986, 34.6821



33.9319, 43.5029, 23.4387



10.3083, 11.1134, 10.1784



25.9214, 31.5389, 4.7214



1.0197, 1.2377, 0.1851

Inverse Universe

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



22.8039, 20.1632, 49.7065



34.4446, 28.4005, 87.8678



28.2812, 22.9869, 49.9628



9.0288, 9.2317, 11.9782



6.2086, 2.4867, 32.5457



0.2476, 0.0997, 1.2750

Previews

White Background



This preview shows how the XYZ color 41.2309, 47.2641, 23.7794 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 41.2309, 47.2641, 23.7794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

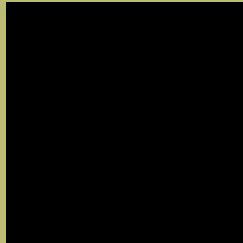
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2309, 47.2641, 23.7794

Background



This preview shows how black text looks on a background with the XYZ color 41.2309, 47.2641, 23.7794.



This preview shows how white text looks on a background with the XYZ color 41.2309, 47.2641,

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

41.2309, 47.2641, 23.7794

Protanopia

43.5812, 47.2469, 23.0422

Deuteranopia

48.2353, 47.2317, 24.3436



Tritanopia

47.9405, 47.2487, 56.4623

Trichromacy



Original Color

41.2309, 47.2641, 23.7794

Protanomaly

42.5410, 47.0113, 23.3549

Deuteranomaly

45.4623, 46.9820, 24.1251

Tritanomaly

45.0536, 46.9708, 42.2890

Monochromacy



Original Color

41.2309, 47.2641, 23.7794

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.0201, 45.8013, 38.0783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2309, 47.2641, 23.7794 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(186, 187, 117)` looks like.

```
.text, #text, p{  
    color:rgb(186, 187, 117)  
}
```

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(186, 187, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 187, 117) }
```

Border

The CSS property to change the border of an element to XYZ 41.2309, 47.2641, 23.7794 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(186, 187, 117) }
```


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

```
.border{ border-color:rgb(186, 187, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 187, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 187, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 187, 117);  
box-shadow:4px 4px 4px 4px rgb(186, 187,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2309, 47.2641, 23.7794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 187, 117) }
```

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

```
.background{ background-color: rgb(186,  
187, 117) }
```

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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