

Converting Colors

XYZ(40.2343, 47.4112, 22.6535)

Have a look what the booklet for
XYZ(40.2343, 47.4112, 22.6535)
contains.

XYZ(40.2343, 47.4112, 22.6535)	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(40.2343, 47.4112,
22.6535)**

Conversions

Conversions Part 1

Format	Color
Hex	B5BD71
RGB	181, 189, 113
RGB Percent	71%, 74%, 44%
CMY	0.2902, 0.2588, 0.5569
CMYK	0.04, 0.00, 0.40, 0.26
HSL	66°, 37%, 59%
HSV	66°, 40%, 74%
XYZ	40.2343, 47.4112, 22.6535
YIQ	177.9440, 19.6280, -25.3320

Conversions

Conversions Part 2

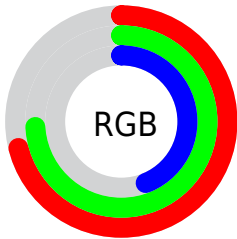
Format	Color
RYB	113, 189, 121
Decimal	11910513
CIELab	74.45, -14.45, 37.44
CIELCh	74, 40.135, 111.110
Yxy	47.4112, 0.3648, 0.4298
Android (android.graphics.Color)	4290100593 (0xFFB5BD71)
YUV	177.9440, -32.0174, 2.6801
Hunter-Lab	68.8558, -16.1953, 28.6927

Details

The XYZ color **40.2343, 47.4112, 22.6535** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **22.9773, 19.5505, 50.7095**, and the grayscale version is **42.4451, 44.6555, 48.6299**.

A 20% lighter version of the original color is **74.7952, 86.2351, 48.7793**, and **18.4538, 22.4792, 8.0689** is the 20% darker color. If you saturate the color by 10%, you get **38.8162, 46.7921, 17.5996**, and if you desaturate by 10%, it is **41.8831, 48.1267, 28.8768**.

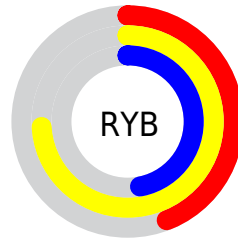
Distribution



Red (71%)

Green (74%)

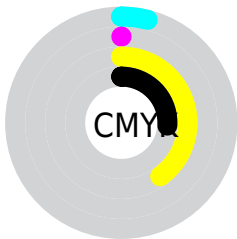
Blue (44%)



Red (44%)

Yellow (74%)

Blue (47%)

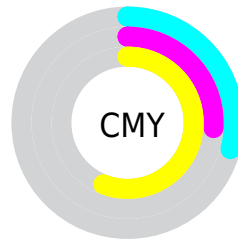


Cyan (4%)

Magenta (0%)

Yellow (40%)

Black (26%)



Cyan (29%)

Magenta (26%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2343, 47.4112, 22.6535 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 40.2343, 47.4112, 22.6535 by changing the saturation by 10% instead.

■ 40.2343, 47.4112,
22.6535

■ 40.2343, 47.4112,
22.6535

338.2276,
376.4535, 279.0043

■ 27.9063, 33.3608,
14.1350

■ 74.8022, 86.3271,
48.7397

■ 18.3951, 22.4030,
8.0748

■ 97.7729, 111.9614,
67.1445

■ 11.3354, 14.1533,
4.0544

■ 125.0218,
142.2258, 89.6817

■ 6.3619, 8.2274,
1.6552

■ 156.9143,
177.5048, 116.7700

■ 3.1091, 4.2408,
0.3298

193.8158,
218.1826, 148.8279

■ 1.2117, 1.8092,
0.0000

236.0916,

■ 0.1156, 0.4929,

264.6438, 186.2738

0.0000

284.1071,
317.2726, 229.5265

■ 0.0000, 0.0000,
0.0000

■ 40.2343, 47.4112,
22.6535

■ 40.2343, 47.4112,
22.6535

■ 38.8162, 46.7921,
17.5996

■ 41.8831, 48.1267,
28.8768

■ 37.6113, 46.2573,
13.6390

■ 43.7717, 48.9372,
36.3332

■ 36.6053, 45.8030,
10.6916


■ 45.9130, 49.8496,
45.0855


■ 35.7808, 45.4219,
8.6649


■ 48.3180, 50.8683,
55.1911


■ 35.1168, 45.1058,
7.4494


■ 50.9970, 51.9973,
66.7041

 34.5819, 44.8432,
6.8329

 53.9598, 53.2406,
79.6758

 57.2155, 54.6019,
94.1547

 59.2550, 55.4775,
102.1929

 59.7795, 55.7479,
102.2174

Harmonies

Analogous

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



47.2480, 47.4112, 21.4090



40.2343, 47.4112, 22.6535



35.0756, 47.4112, 30.4251

Triad

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



40.2343, 47.4112, 22.6535



36.8781, 47.4112, 89.2739



60.2582, 47.4112, 58.0305

Complementary

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



40.2343, 47.4112, 22.6535



22.9773, 19.5505, 50.7095

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.



56.7860, 47.4112, 80.9066



40.2343, 47.4112, 22.6535



42.9462, 47.4112, 101.8610

Square

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



40.2343, 47.4112, 22.6535



33.2871, 47.4112, 67.3488



50.2632, 47.4112, 98.4455



59.3324, 47.4112, 38.5577

Rectangle

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



40.2343, 47.4112, 22.6535



33.1366, 47.4112, 39.7643



50.2632, 47.4112, 98.4455



59.5541, 47.4112, 65.6315

Sweetspot

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



40.2355, 47.4133, 22.6545



81.4294, 88.9373, 77.4508



30.7574, 25.5901, 18.9417



17.4007, 19.0786, 16.2013



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.



40.2355, 47.4133, 22.6545



69.8586, 83.9508, 32.7021



32.5770, 43.4653, 22.2961



10.2206, 11.0681, 10.1743



23.3049, 30.1900, 4.5990



0.9416, 1.1974, 0.1815

Inverse Universe

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



22.9773, 19.5505, 50.7095



34.8386, 27.3827, 89.6754



29.3108, 22.8156, 51.0059



9.1073, 9.2722, 11.9819



6.4052, 2.5881, 32.5549



0.2824, 0.1176, 1.2767

Previews

White Background



This preview shows how the XYZ color 40.2343, 47.4112, 22.6535 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 40.2343, 47.4112, 22.6535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

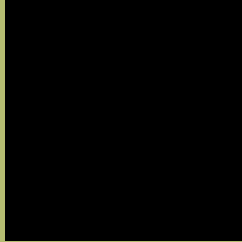
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2343, 47.4112, 22.6535

Background



This preview shows how black text looks on a background with the XYZ color 40.2343, 47.4112, 22.6535.



This preview shows how white text looks on a background with the XYZ color 40.2343, 47.4112,

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

40.2343, 47.4112, 22.6535

Protanopia

43.6221, 47.2940, 21.8685

Deuteranopia

48.3012, 47.2931, 23.1057



Tritanopia

47.3436, 47.2116, 57.6564

Trichromacy



Original Color

40.2343, 47.4112, 22.6535

Protanomaly

42.2659, 47.2052, 22.2131

Deuteranomaly

44.8694, 47.0021, 22.9271

Tritanomaly

44.2185, 47.1484, 42.3673

Monochromacy



Original Color

40.2343, 47.4112, 22.6535

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.1511, 45.3727, 37.1608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2343, 47.4112, 22.6535 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(181, 189, 113)` looks like.

```
.text, #text, p{  
    color:rgb(181, 189, 113)  
}
```

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(181, 189, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 189, 113) }
```

Border

The CSS property to change the border of an element to XYZ 40.2343, 47.4112, 22.6535 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(181, 189, 113) }
```


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

```
.border{ border-color:rgb(181, 189, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 189, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 189, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 189, 113);  
box-shadow:4px 4px 4px 4px rgb(181, 189,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2343, 47.4112, 22.6535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 189, 113) }
```

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

```
.background{ background-color: rgb(181,  
189, 113) }
```

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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