

Converting Colors

XYZ(41.6286, 48.8049, 25.1511)

Have a look what the booklet for
XYZ(41.6286, 48.8049, 25.1511)
contains.

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Color

**XYZ(41.5494, 48.6849,
24.9765)**

Conversions

Conversions Part 1

Format	Color
Hex	B7BF78
RGB	183, 191, 120
RGB Percent	72%, 75%, 47%
CMY	0.2824, 0.2510, 0.5294
CMYK	0.04, 0.00, 0.37, 0.25
HSL	67°, 36%, 61%
HSV	67°, 37%, 75%
XYZ	41.5494, 48.6849, 24.9765
YIQ	180.5140, 18.0230, -23.7770

Conversions

Conversions Part 2

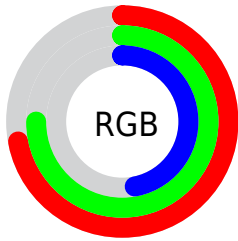
Format	Color
RYB	120, 191, 128
Decimal	12042104
CIELab	75.25, -13.87, 34.91
CIELCh	75, 37.560, 111.669
Yxy	48.6849, 0.3606, 0.4226
Android (android.graphics.Color)	4290232184 (0xFFB7BF78)
YUV	180.5140, -29.8334, 2.1802
Hunter-Lab	69.7746, -15.8122, 27.6188

Details

The XYZ color **41.5494, 48.6849, 24.9765** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.0243, 21.7849, 52.1789**, and the grayscale version is **43.8087, 46.0901, 50.1921**.

A 20% lighter version of the original color is **76.7388, 88.0639, 52.4886**, and **19.2472, 23.2863, 9.2746** is the 20% darker color. If you saturate the color by 10%, you get **39.9962, 48.0066, 19.4448**, and if you desaturate by 10%, it is **43.3442, 49.4641, 31.7284**.

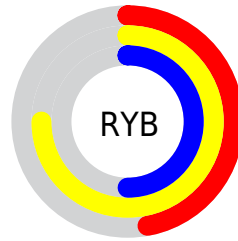
Distribution



Red (72%)

Green (75%)

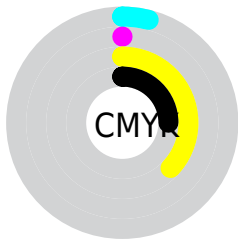
Blue (47%)



Red (47%)

Yellow (75%)

Blue (50%)

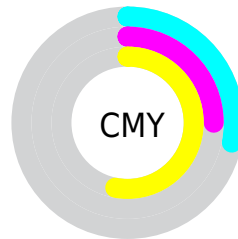


Cyan (4%)

Magenta (0%)

Yellow (37%)

Black (25%)



Cyan (28%)

Magenta (25%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5494, 48.6849, 24.9765 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 41.5494, 48.6849, 24.9765 by changing the saturation by 10% instead.

■ 41.5494, 48.6849,
24.9765

■ 41.5494, 48.6849,
24.9765

343.6351,
381.5005, 291.1648

■ 28.9382, 34.3696,
15.8407

■ 76.7867, 88.2233,
52.5827

■ 19.1781, 23.1777,
9.2584

■ 100.1434,
114.2151, 71.8903

■ 11.9038, 14.7248,
4.8110

■ 127.8127,
144.8680, 95.4254

■ 6.7499, 8.6264,
2.0800

160.1599,
180.5662, 123.6068

■ 3.3512, 4.4983,
0.6038

197.5504,
221.6941, 156.8528

■ 1.3421, 1.9560,
0.0000

240.3496,

■ 0.2144, 0.5817,

268.6362, 195.5822

0.0000

288.9227,
321.7769, 240.2133

■ 0.0000, 0.0000,
0.0000

■ 41.5494, 48.6849,
24.9765

■ 41.5494, 48.6849,
24.9765

■ 39.9962, 48.0066,
19.4448

■ 43.3442, 49.4641,
31.7284

■ 38.6669, 47.4171,
15.0575

■ 45.3895, 50.3428,
39.7643

■ 37.5476, 46.9124,
11.7349


■ 47.6985, 51.3279,
49.1470


■ 36.6209, 46.4857,
9.3862


■ 50.2821, 52.4237,
59.9345


■ 35.8666, 46.1288,
7.9050


■ 53.1508, 53.6344,
72.1814


 35.2564, 45.8305,
7.1430

 56.3143, 54.9640,
85.9393

 35.0954, 45.7510,
6.9811

 59.7821, 56.4163,
101.2573

 60.5618, 56.7943,
102.3782

 61.1419, 57.0933,
102.4053

Harmonies

Analogous

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



48.2210, 48.6849, 23.6200



41.5494, 48.6849, 24.9765



36.6344, 48.6849, 32.7779

Triad

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



41.5494, 48.6849, 24.9765



38.5293, 48.6849, 88.7155



60.6681, 48.6849, 58.7030

Complementary

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



41.5494, 48.6849, 24.9765



25.0243, 21.7849, 52.1789

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.



57.4705, 48.6849, 80.2137



41.5494, 48.6849, 24.9765



44.3792, 48.6849, 100.1450

Square

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



41.5494, 48.6849, 24.9765



35.0151, 48.6849, 68.2996



51.3428, 48.6849, 96.6977



59.7185, 48.6849, 40.1909

Rectangle

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



41.5494, 48.6849, 24.9765



34.7963, 48.6849, 41.9434



51.3428, 48.6849, 96.6977



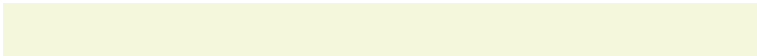
60.0321, 48.6849, 65.8687

Sweetspot

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



41.5506, 48.6871, 24.9775



83.7113, 91.1943, 80.9986



32.4799, 27.6383, 21.3928



18.2572, 19.9721, 17.2780



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.



41.5506, 48.6871, 24.9775



72.0104, 86.1430, 36.1403



34.3079, 44.9533, 24.6386



10.2135, 11.0645, 10.1740



23.1058, 30.0874, 4.5896



0.9356, 1.1943, 0.1812

Inverse Universe

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



25.0243, 21.7849, 52.1789



37.9726, 30.7085, 92.2051



31.1444, 24.9400, 52.4654



9.1137, 9.2755, 11.9822



6.4263, 2.5990, 32.5558



0.2853, 0.1191, 1.2768

Previews

White Background



This preview shows how the XYZ color 41.5494, 48.6849, 24.9765 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 41.5494, 48.6849, 24.9765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

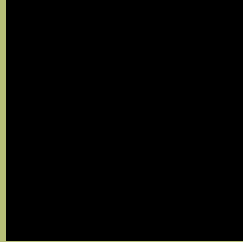
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5494, 48.6849, 24.9765

Background



This preview shows how black text looks on a background with the XYZ color 41.5494, 48.6849, 24.9765.



This preview shows how white text looks on a background with the XYZ color 41.5494, 48.6849,

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

41.5494, 48.6849, 24.9765

Protanopia

44.9761, 48.5625, 24.1425

Deuteranopia

49.4215, 48.4039, 25.4770



Tritanopia

48.4300, 48.6479, 59.0620

Trichromacy



Original Color

41.5494, 48.6849, 24.9765

Protanomaly

43.6058, 48.4747, 24.5110

Deuteranomaly

46.2532, 48.2709, 25.2918

Tritanomaly

45.4031, 48.3439, 43.9841

Monochromacy



Original Color

41.5494, 48.6849, 24.9765

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.8984, 47.1462, 39.6400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5494, 48.6849, 24.9765 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(183, 191, 120)` looks like.

```
.text, #text, p{  
    color:rgb(183, 191, 120)  
}
```

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(183, 191, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 191, 120) }
```

Border

The CSS property to change the border of an element to XYZ 41.5494, 48.6849, 24.9765 is called "border". The border property can be set on classes, ids or directly on the HTML element.

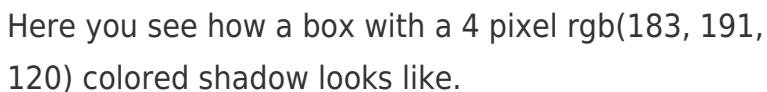
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 191, 120) }
```


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

```
.border{ border-color:rgb(183, 191, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 191, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 191, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 191, 120); box-shadow:4px 4px 4px 4px rgb(183, 191, 120) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5494, 48.6849, 24.9765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 191, 120) }
```

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

```
.background{ background-color: rgb(183,  
191, 120) }
```

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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