

Converting Colors

XYZ(42.7984, 45.8933, 24.6917)

Have a look what the booklet for
XYZ(42.7984, 45.8933, 24.6917)
contains.

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Color

**XYZ(42.7984, 45.8933,
24.6917)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B479
RGB	197, 180, 121
RGB Percent	77%, 71%, 47%
CMY	0.2275, 0.2941, 0.5255
CMYK	0.00, 0.09, 0.39, 0.23
HSL	47°, 40%, 62%
HSV	47°, 39%, 77%
XYZ	42.7984, 45.8933, 24.6917
YIQ	178.3570, 29.0710, -14.7450

Conversions

Conversions Part 2

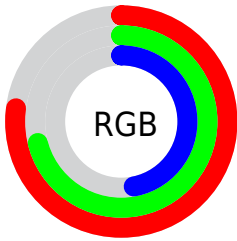
Format	Color
RYB	143, 197, 121
Decimal	12956793
CIELab	73.48, -2.44, 32.31
CIELCh	73, 32.399, 94.315
Yxy	45.8933, 0.3775, 0.4048
Android (android.graphics.Color)	4291146873 (0xFFC5B479)
YUV	178.3570, -28.2770, 16.3499
Hunter-Lab	67.7446, -5.7837, 25.8111

Details

The XYZ color **42.7984, 45.8933, 24.6917** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.0514, 26.2723, 56.4686**, and the grayscale version is **42.6414, 44.8621, 48.8548**.

A 20% lighter version of the original color is **78.8754, 84.3069, 52.1601**, and **19.8820, 21.3845, 9.0410** is the 20% darker color. If you saturate the color by 10%, you get **40.8367, 43.7098, 18.6741**, and if you desaturate by 10%, it is **45.0374, 48.2363, 32.0199**.

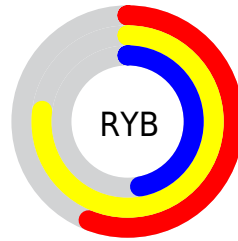
Distribution



Red (77%)

Green (71%)

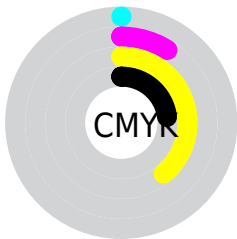
Blue (47%)



Red (56%)

Yellow (77%)

Blue (47%)

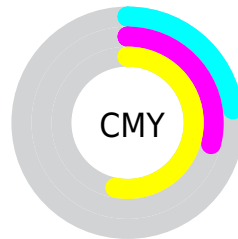


Cyan (0%)

Magenta (9%)

Yellow (39%)

Black (23%)



Cyan (23%)

Magenta (29%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7984, 45.8933, 24.6917 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 42.7984, 45.8933, 24.6917 by changing the saturation by 10% instead.

■ 42.7984, 45.8933,
24.6917

■ 42.7984, 45.8933,
24.6917

348.7176,
370.3795, 289.6975

■ 29.9208, 32.1616,
15.6306

■ 78.6642, 84.0593,
52.1145

■ 19.9263, 21.4850,
9.1116

■ 102.3830,
109.2624, 71.3133

■ 12.4494, 13.4790,
4.7162

■ 130.4464,
139.0581, 94.7284

■ 7.1249, 7.7592,
2.0259

163.2196,
173.8308, 122.7784

■ 3.5874, 3.9412,
0.5712

201.0679,
213.9649, 155.8817

■ 1.4714, 1.6408,
0.0000

244.3568,

■ 0.3063, 0.3848,

259.8448, 194.4570

0.0000

293.4516,
311.8549, 238.9227

■ 0.0000, 0.0000,
0.0000

■ 42.7984, 45.8933,
24.6917

■ 42.7984, 45.8933,
24.6917

■ 40.8367, 43.7098,
18.6741

■ 45.0374, 48.2363,
32.0199

■ 39.1335, 41.6728,
13.8845

■ 47.5643, 50.7385,
40.7289

■ 37.6729, 39.7772,
10.2355

■ 50.3934, 53.4075,
50.8871

■ 36.4355, 38.0150,
7.6267

■ 53.5369, 56.2488,
62.5576

■ 35.3988, 36.3765,
5.9403

■ 57.0063, 59.2673,
75.7999

■ 34.5266, 34.8469,
4.9868

■ 60.8125, 62.4677,
90.6700

■ 34.4084, 34.6353,
4.8718

■ 64.3311, 65.6007,
103.8793

■ 65.4396, 67.8176,
104.2488

■ 66.5783, 70.0949,
104.6284

Harmonies

Analogous

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



48.5605, 45.8933, 26.6289



42.7984, 45.8933, 24.6917



37.7119, 45.8933, 28.2163

Triad

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



42.7984, 45.8933, 24.6917



35.1559, 45.8933, 69.9022



54.2958, 45.8933, 64.8955

Complementary

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



42.7984, 45.8933, 24.6917



27.0514, 26.2723, 56.4686

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.



50.1154, 45.8933, 80.7450



42.7984, 45.8933, 24.6917



39.0269, 45.8933, 84.0505

Square

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



42.7984, 45.8933, 24.6917



33.5510, 45.8933, 52.3761



44.4525, 45.8933, 88.3971



55.5259, 45.8933, 47.6387

Rectangle

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



42.7984, 45.8933, 24.6917



35.2868, 45.8933, 33.7629



44.4525, 45.8933, 88.3971



53.1721, 45.8933, 70.6769

Sweetspot

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



42.7995, 45.8954, 24.6926



88.3646, 93.8950, 84.2720



34.5044, 27.4018, 27.7951



18.7687, 19.9611, 17.5158



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.



42.7995, 45.8954, 24.6926



73.7612, 78.9972, 35.2914



41.4884, 50.6289, 25.6754



11.3150, 11.9991, 11.2825



22.6966, 22.9103, 3.2259



1.1257, 1.1868, 0.1697

Inverse Universe

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



27.0514, 26.2723, 56.4686



41.7448, 39.1239, 99.9592



27.9458, 23.3926, 55.8656



10.2459, 10.6658, 13.4362



7.2748, 3.9435, 35.1221



0.4005, 0.2989, 1.6817

Previews

White Background



This preview shows how the XYZ color 42.7984, 45.8933, 24.6917 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 42.7984, 45.8933, 24.6917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

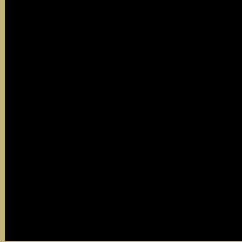
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7984, 45.8933, 24.6917

Background



This preview shows how black text looks on a background with the XYZ color 42.7984, 45.8933, 24.6917.



This preview shows how white text looks on a background with the XYZ color 42.7984, 45.8933,

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

42.7984, 45.8933, 24.6917

Protanopia

42.5374, 45.7588, 24.6795

Deuteranopia

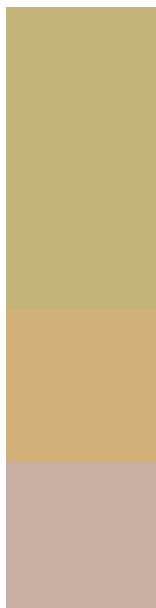
46.8376, 45.9161, 25.1330



Tritanopia

48.4113, 45.8452, 52.1964

Trichromacy



Original Color

42.7984, 45.8933, 24.6917

Protanomaly

42.5374, 45.7588, 24.6795

Deuteranomaly

45.3327, 46.0111, 24.9041

Tritanomaly

45.9390, 45.6861, 40.5795

Monochromacy



Original Color

42.7984, 45.8933, 24.6917

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.2135, 44.9888, 38.3571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7984, 45.8933, 24.6917 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(197, 180, 121)` looks like.

```
.text, #text, p{  
    color:rgb(197, 180, 121)  
}
```

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(197, 180, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 180, 121) }
```

Border

The CSS property to change the border of an element to XYZ 42.7984, 45.8933, 24.6917 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(197, 180, 121) }
```


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

```
.border{ border-color:rgb(197, 180, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 180, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 180, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 180, 121);  
box-shadow:4px 4px 4px 4px rgb(197, 180,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7984, 45.8933, 24.6917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 180, 121) }
```

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

```
.background{ background-color: rgb(197,  
180, 121) }
```

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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