

Converting Colors

XYZ(42.2618, 45.1426, 27.5509)

Have a look what the booklet for
XYZ(42.2618, 45.1426, 27.5509)
contains.

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Color

**XYZ(42.3975, 45.3212,
27.6324)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B382
RGB	194, 179, 130
RGB Percent	76%, 70%, 51%
CMY	0.2392, 0.2980, 0.4902
CMYK	0.00, 0.08, 0.33, 0.24
HSL	46°, 34%, 64%
HSV	46°, 33%, 76%
XYZ	42.3975, 45.3212, 27.6324
YIQ	177.8990, 24.6690, -12.0590

Conversions

Conversions Part 2

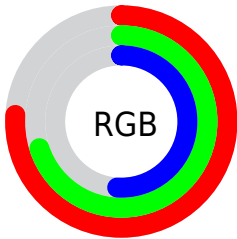
Format	Color
RYB	150, 194, 130
Decimal	12759938
CIELab	73.10, -2.03, 27.00
CIELCh	73, 27.078, 94.296
Yxy	45.3212, 0.3676, 0.3929
Android (android.graphics.Color)	4290950018 (0xFFC2B382)
YUV	177.8990, -23.6142, 14.1206
Hunter-Lab	67.3210, -5.3959, 22.7887

Details

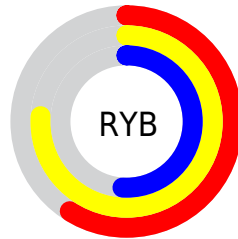
The XYZ color **42.3975, 45.3212, 27.6324** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.0688, 28.8909, 55.0835**, and the grayscale version is **42.3762, 44.5831, 48.5510**.

A 20% lighter version of the original color is **78.0392, 83.3448, 56.7738**, and **19.5563, 20.9899, 10.6101** is the 20% darker color. If you saturate the color by 10%, you get **40.3205, 43.0582, 21.1102**, and if you desaturate by 10%, it is **44.7524, 47.7466, 35.4596**.

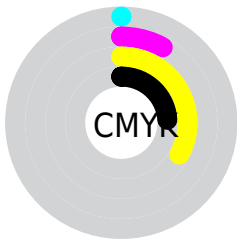
Distribution



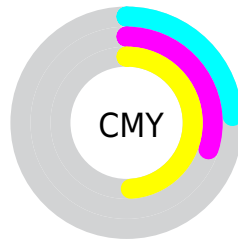
- Red (76%)
- Green (70%)
- Blue (51%)



- Red (59%)
- Yellow (76%)
- Blue (51%)



- Cyan (0%)
- Magenta (8%)
- Yellow (33%)
- Black (24%)



- Cyan (24%)
- Magenta (30%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3975, 45.3212, 27.6324 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 42.3975, 45.3212, 27.6324 by changing the saturation by 10% instead.

■ 42.3975, 45.3212,
27.6324

■ 42.3975, 45.3212,
27.6324

347.0917,
368.0729, 304.5627

■ 29.6051, 31.7105,
17.8121

■ 78.0623, 83.2022,
56.9130

■ 19.6857, 21.1405,
10.6471

■ 101.6654,
108.2413, 77.2105

■ 12.2737, 13.2267,
5.7189

■ 129.6028,
137.8586, 101.8374

■ 7.0039, 7.5849,
2.6089

162.2399,
172.4386, 131.2122

■ 3.5109, 3.8305,
0.8971

199.9419,
212.3656, 165.7537

■ 1.4293, 1.5792,
0.0000

243.0744,

■ 0.2770, 0.3435,

258.0241, 205.8802

0.0000

292.0025,
309.7984, 252.0104

■ 0.0000, 0.0000,
0.0000

■ 42.3975, 45.3212,
27.6324

■ 42.3975, 45.3212,
27.6324

■ 40.3205, 43.0582,
21.1102

■ 44.7524, 47.7466,
35.4596

■ 38.5038, 40.9453,
15.8171

■ 47.3948, 50.3340,
44.6561

■ 36.9331, 38.9779,
11.6739

■ 50.3379, 53.0906,
55.2855

■ 35.5910, 37.1487,
8.5910

■ 53.5932, 56.0214,
67.4066

■ 34.4577, 35.4492,
6.4652

■ 57.1715, 59.1313,
81.0746

■ 33.5095, 33.8694,
5.1727

■ 61.0829, 62.4246,
96.3423

■ 32.9237, 32.8204,
4.5997

■ 63.5487, 65.1904,
103.8414

■ 64.6928, 67.4786,
104.2227

■ 65.8691, 69.8312,
104.6148

Harmonies

Analogous

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



47.1501, 45.3212, 29.3720



42.3975, 45.3212, 27.6324



38.1439, 45.3212, 30.7770

Triad

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



42.3975, 45.3212, 27.6324



35.9794, 45.3212, 65.5586



51.8185, 45.3212, 61.5515

Complementary

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



42.3975, 45.3212, 27.6324



29.0688, 28.8909, 55.0835

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.



48.4169, 45.3212, 74.1951



42.3975, 45.3212, 27.6324



39.2444, 45.3212, 76.7902

Square

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



42.3975, 45.3212, 27.6324



34.6148, 45.3212, 51.3277



43.7626, 45.3212, 80.2085



52.8156, 45.3212, 47.4180

Rectangle

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



42.3975, 45.3212, 27.6324



36.0933, 45.3212, 35.6318



43.7626, 45.3212, 80.2085



50.9067, 45.3212, 66.1952

Sweetspot

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



42.3986, 45.3233, 27.6333



87.3202, 92.5744, 86.0878



35.4195, 29.5105, 31.0240



18.9599, 20.1189, 18.2717



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.



42.3986, 45.3233, 27.6333



73.8934, 78.9515, 40.8232



41.6815, 49.6605, 28.5083



10.7069, 11.3453, 10.6874



21.7115, 21.7088, 3.0459



0.9879, 1.0376, 0.1482

Inverse Universe

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



29.0688, 28.8909, 55.0835



45.8474, 44.3919, 98.6219



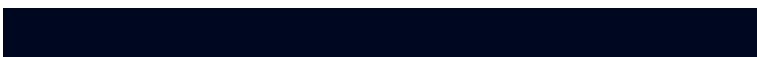
29.5748, 25.9719, 54.4934



9.7156, 10.1225, 12.7266



7.0839, 3.9243, 33.9407



0.3609, 0.2793, 1.4848

Previews

White Background



This preview shows how the XYZ color 42.3975, 45.3212, 27.6324 looks on a white background.

Color Contrast Check

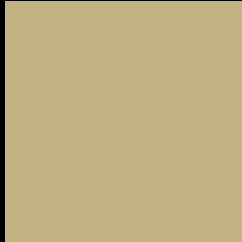
Large Text (above 18pt) WCAG AA × Fail

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 42.3975, 45.3212, 27.6324 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 42.3975, 45.3212, 27.6324

Background



This preview shows how black text looks on a background with the XYZ color 42.3975, 45.3212, 27.6324.



This preview shows how white text looks on a background with the XYZ color 42.3975, 45.3212,

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

42.3975, 45.3212, 27.6324

Protanopia

42.1417, 45.1894, 27.6204

Deuteranopia

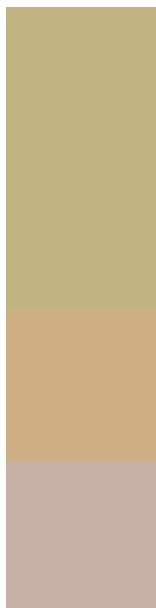
46.0006, 45.1408, 27.7613



Tritanopia

47.3289, 45.2872, 52.1457

Trichromacy



Original Color

42.3975, 45.3212, 27.6324

Protanomaly

42.1417, 45.1894, 27.6204

Deuteranomaly

44.6035, 45.2778, 27.8614

Tritanomaly

45.4102, 45.3823, 41.9636

Monochromacy



Original Color

42.3975, 45.3212, 27.6324

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.1206, 44.6043, 40.1077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3975, 45.3212, 27.6324 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(194, 179, 130)` looks like.

```
.text, #text, p{  
    color:rgb(194, 179, 130)  
}
```

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(194, 179, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 179, 130) }
```

Border

The CSS property to change the border of an element to XYZ 42.3975, 45.3212, 27.6324 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(194, 179, 130) }
```


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

```
.border{ border-color:rgb(194, 179, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 179, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 179, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 179, 130);  
box-shadow:4px 4px 4px 4px rgb(194, 179,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3975, 45.3212, 27.6324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 179, 130) }
```

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

```
.background{ background-color: rgb(194,  
179, 130) }
```

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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