

Converting Colors

XYZ(42.2969, 45.4368, 26.6207)

Have a look what the booklet for
XYZ(42.2969, 45.4368, 26.6207)
contains.

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Color

**XYZ(42.1990, 45.2418,
26.5871)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B37F
RGB	194, 179, 127
RGB Percent	76%, 70%, 50%
CMY	0.2392, 0.2980, 0.5020
CMYK	0.00, 0.08, 0.35, 0.24
HSL	47°, 35%, 63%
HSV	47°, 35%, 76%
XYZ	42.1990, 45.2418, 26.5871
YIQ	177.5570, 25.6320, -12.9920

Conversions

Conversions Part 2

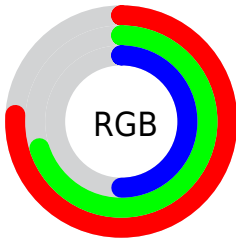
Format	Color
RYB	146, 194, 127
Decimal	12759935
CIELab	73.05, -2.40, 28.53
CIELCh	73, 28.630, 94.811
Yxy	45.2418, 0.3701, 0.3968
Android (android.graphics.Color)	4290950015 (0xFFC2B37F)
YUV	177.5570, -24.9246, 14.4205
Hunter-Lab	67.2620, -5.7208, 23.6475

Details

The XYZ color **42.1990, 45.2418, 26.5871** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.1629, 27.7523, 54.9114**, and the grayscale version is **42.2018, 44.3995, 48.3511**.

A 20% lighter version of the original color is **77.7302, 83.2212, 55.1465**, and **19.4479, 20.9465, 10.0392** is the 20% darker color. If you saturate the color by 10%, you get **40.1982, 43.0725, 20.2716**, and if you desaturate by 10%, it is **44.4729, 47.5675, 34.1958**.

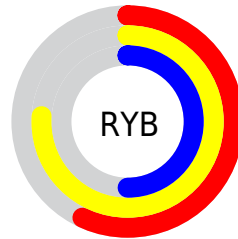
Distribution



Red (76%)

Green (70%)

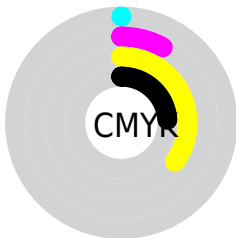
Blue (50%)



Red (57%)

Yellow (76%)

Blue (50%)

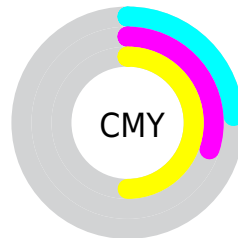


Cyan (0%)

Magenta (8%)

Yellow (35%)

Black (24%)



Cyan (24%)

Magenta (30%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1990, 45.2418, 26.5871 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 42.1990, 45.2418, 26.5871 by changing the saturation by 10% instead.

■ 42.1990, 45.2418,
26.5871

■ 42.1990, 45.2418,
26.5871

346.2848,
367.7520, 299.3490

■ 29.4489, 31.6479,
17.0337

■ 77.7640, 83.0831,
55.2162

■ 19.5667, 21.0927,
10.0963

■ 101.3096,
108.0994, 75.1290

■ 12.1869, 13.1918,
5.3564

■ 129.1845,
137.6919, 99.3320

■ 6.9442, 7.5608,
2.3955

161.7540,
172.2450, 128.2438

■ 3.4732, 3.8152,
0.7840

199.3834,
212.1432, 162.2828

■ 1.4087, 1.5707,
0.0000

242.4381,

■ 0.2624, 0.3377,

257.7709, 201.8677

0.0000

291.2834,
309.5123, 247.4169

■ 0.0000, 0.0000,
0.0000

■ 42.1990, 45.2418,
26.5871

■ 42.1990, 45.2418,
26.5871

■ 40.1982, 43.0725,
20.2716

■ 44.4729, 47.5675,
34.1958

■ 38.4529, 41.0472,
15.1726

■ 47.0298, 50.0489,
43.1628

■ 36.9486, 39.1613,
11.2095

■ 49.8829, 52.6935,
53.5525

■ 35.6675, 37.4074,
8.2908

■ 53.0438, 55.5063,
65.4240

■ 34.5894, 35.7769,
6.3110

■ 56.5232, 58.4918,
78.8333

■ 33.6898, 34.2596,
5.1418

■ 60.3316, 61.6547,
93.8333

■ 33.2473, 33.4676,
4.7076

■ 63.1967, 64.4864,
103.7240

■ 64.2793, 66.6515,
104.0849

■ 65.3911, 68.8753,
104.4555

Harmonies

Analogous

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



47.2276, 45.2418, 28.2951



42.1990, 45.2418, 26.5871



37.7385, 45.2418, 29.9224

Triad

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



42.1990, 45.2418, 26.5871



35.5748, 45.2418, 66.7262



52.3090, 45.2418, 61.9444

Complementary

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



42.1990, 45.2418, 26.5871



28.1629, 27.7523, 54.9114

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.



48.7312, 45.2418, 75.5267



42.1990, 45.2418, 26.5871



39.0344, 45.2418, 78.6417

Square

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



42.1990, 45.2418, 26.5871



34.1078, 45.2418, 51.6082



43.8130, 45.2418, 82.1390



53.3195, 45.2418, 46.9854

Rectangle

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



42.1990, 45.2418, 26.5871



35.6069, 45.2418, 35.0256



43.8130, 45.2418, 82.1390



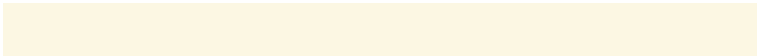
51.3538, 45.2418, 66.9086

Sweetspot

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



42.2001, 45.2439, 26.5880



87.4011, 92.7361, 86.1148



34.7681, 28.6207, 29.5336



18.9800, 20.1591, 18.2784



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.



42.2001, 45.2439, 26.5880



73.8265, 79.1437, 39.7962



41.0575, 49.3617, 27.4431



10.7160, 11.3635, 10.6905



21.9224, 22.1306, 3.1162



0.9955, 1.0527, 0.1507

Inverse Universe

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



28.1629, 27.7523, 54.9114



44.8003, 42.9888, 98.4062



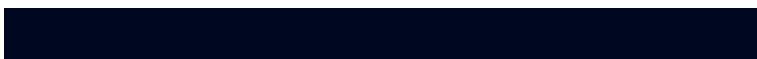
28.9810, 25.0820, 54.3529



9.7071, 10.1055, 12.7238



7.0317, 3.8200, 33.9233



0.3572, 0.2717, 1.4835

Previews

White Background



This preview shows how the XYZ color 42.1990, 45.2418, 26.5871 looks on a white background.

Color Contrast Check

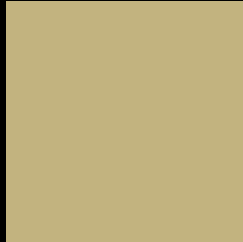
Large Text (above 18pt) WCAG AA × Fail

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 42.1990, 45.2418, 26.5871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

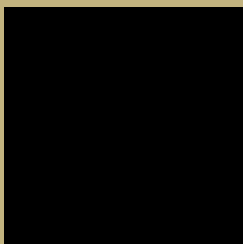
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

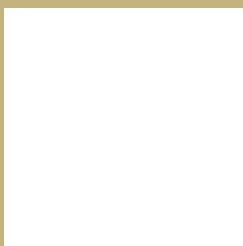
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.1990, 45.2418, 26.5871

Background



This preview shows how black text looks on a background with the XYZ color 42.1990, 45.2418, 26.5871.



This preview shows how white text looks on a background with the XYZ color 42.1990, 45.2418,

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

42.1990, 45.2418, 26.5871

Protanopia

41.9432, 45.1100, 26.5751

Deuteranopia

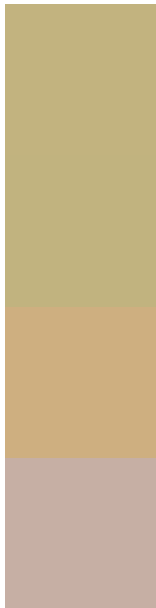
46.1555, 45.2362, 27.0677



Tritanopia

47.5969, 45.4253, 52.1583

Trichromacy



Original Color

42.1990, 45.2418, 26.5871

Protanomaly

41.9432, 45.1100, 26.5751

Deuteranomaly

44.6799, 45.3403, 26.8187

Tritanomaly

45.3195, 45.3460, 41.4860

Monochromacy



Original Color

42.1990, 45.2418, 26.5871

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.9456, 44.5343, 39.1861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1990, 45.2418, 26.5871 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(194, 179, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 179, 127) }
```

Border

The CSS property to change the border of an element to XYZ 42.1990, 45.2418, 26.5871 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, 127) }
```


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

```
.border{ border-color:rgb(194, 179, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 179, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 179, 127);  
box-shadow:4px 4px 4px 4px rgb(194, 179,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1990, 45.2418, 26.5871 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, 127) }
```

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

```
.background{ background-color: rgb(194,  
179, 127) }
```

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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