

Converting Colors

XYZ(45.3078, 46.4475, 42.4382)

Have a look what the booklet for
XYZ(45.3078, 46.4475, 42.4382)
contains.

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Color

**XYZ(45.5087, 46.5955,
42.6717)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B3A6
RGB	195, 179, 166
RGB Percent	76%, 70%, 65%
CMY	0.2353, 0.2980, 0.3490
CMYK	0.00, 0.08, 0.15, 0.24
HSL	27°, 19%, 71%
HSV	27°, 15%, 76%
XYZ	45.5087, 46.5955, 42.6717
YIQ	182.3020, 13.7090, -0.6510

Conversions

Conversions Part 2

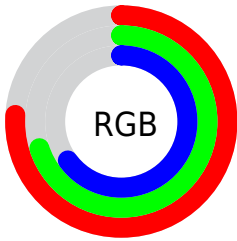
Format	Color
RYB	195, 190, 166
Decimal	12825510
CIELab	73.93, 3.53, 8.69
CIELCh	74, 9.381, 67.895
Yxy	46.5955, 0.3377, 0.3457
Android (android.graphics.Color)	4291015590 (0xFFC3B3A6)
YUV	182.3020, -8.0369, 11.1361
Hunter-Lab	68.2609, -0.4528, 10.7189

Details

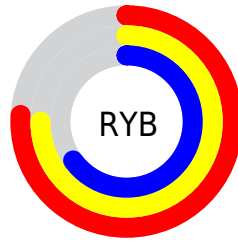
The XYZ color **45.5087, 46.5955, 42.6717** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.3039, 45.5020, 58.1832**, and the grayscale version is **44.6663, 46.9924, 51.1747**.

A 20% lighter version of the original color is **82.9044, 85.3326, 80.5079**, and **21.4826, 21.7993, 18.9950** is the 20% darker color. If you saturate the color by 10%, you get **41.7818, 41.7904, 33.2633**, and if you desaturate by 10%, it is **49.6775, 51.8496, 53.5667**.

Distribution



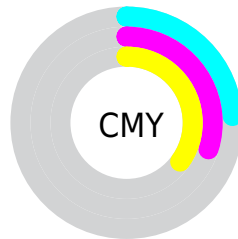
- Red (76%)
- Green (70%)
- Blue (65%)



- Red (76%)
- Yellow (75%)
- Blue (65%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (24%)



- Cyan (24%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5087, 46.5955, 42.6717 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 45.5087, 46.5955, 42.6717 by changing the saturation by 10% instead.


 45.5087, 46.5955,
42.6717


 45.5087, 46.5955,
42.6717

359.5791,
373.1976, 373.1414

 32.0613, 32.7160,
29.2981

 82.7156, 85.1095,
80.4962

 21.5641, 21.9090,
19.0589


 107.2058,
110.5128, 105.7843

 13.6518, 13.7900,
11.5356


136.1077,
140.5262, 135.8809

 7.9589, 7.9748,
6.3096

169.7865,
175.5340, 171.2046

 4.1203, 4.0788,
2.9624

208.6077,
215.9206, 212.1740

 1.7704, 1.7177,
1.0755

252.9367,

 0.4997, 0.4351,

262.0705, 259.2075

0.0000

303.1386,
314.3681, 312.7238

■ 0.0000, 0.0000,
0.0000

■ 45.5087, 46.5955,
42.6717

■ 45.5087, 46.5955,
42.6717

■ 41.7818, 41.7904,
33.2633

■ 49.6775, 51.8496,
53.5667

■ 38.4772, 37.4156,
25.2731

■ 54.2997, 57.5585,
66.0066

■ 35.5789, 33.4600,
18.6318

■ 59.3907, 63.7356,
80.0502

■ 33.0688, 29.9097,
13.2630

■ 64.9642, 70.3919,
95.7523

■ 30.9267, 26.7499,
9.0826

■ 69.6339, 76.9784,
105.7960

■ 29.1305, 23.9646,
5.9961

■ 72.7686, 83.2478,
106.8409

■ 27.6553, 21.5363,
3.8945

■ 76.0920, 89.8946,
107.9487

■ 26.4711, 19.4452,
2.6453

■ 76.3158, 90.3422,
108.0233

■ 25.9498, 18.4900,
2.2012

Harmonies

Analogous

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



46.8739, 46.5955, 45.2858



45.5087, 46.5955, 42.6717



43.8474, 46.5955, 42.1485

Triad

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



45.5087, 46.5955, 42.6717



41.1783, 46.5955, 52.0101



46.2922, 46.5955, 58.3543

Complementary

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



45.5087, 46.5955, 42.6717



42.3039, 45.5020, 58.1832

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.



44.7308, 46.5955, 60.4140



45.5087, 46.5955, 42.6717



41.7983, 46.5955, 56.6038

Square

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



45.5087, 46.5955, 42.6717



41.3747, 46.5955, 47.3475



43.0886, 46.5955, 59.7541



47.3341, 46.5955, 54.2795

Rectangle

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



45.5087, 46.5955, 42.6717



42.8002, 46.5955, 43.0230



43.0886, 46.5955, 59.7541



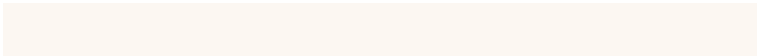
45.8091, 46.5955, 59.3167

Sweetspot

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



45.5100, 46.5976, 42.6727



89.6121, 93.6597, 97.6369



44.6308, 42.2705, 50.2984



19.4915, 20.3453, 21.0291



0.0000, 0.0000, 0.0000



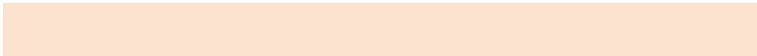
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.5100, 46.5976, 42.6727



79.1462, 80.4341, 70.3911



48.4737, 52.5251, 43.6606



10.4367, 10.8049, 10.5974



16.9473, 12.1803, 1.4578



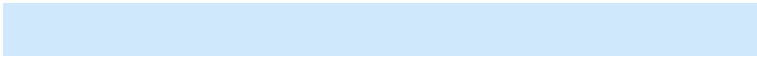
0.8009, 0.6637, 0.0859

Inverse Universe

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



42.3039, 45.5020, 58.1832



72.2541, 78.0783, 103.7322



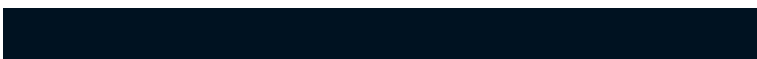
39.5672, 40.0285, 57.2709



9.9785, 10.6484, 12.8142



9.9424, 9.6414, 34.8936



0.4976, 0.5526, 1.5303

Previews

White Background



This preview shows how the XYZ color 45.5087, 46.5955, 42.6717 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 45.5087, 46.5955, 42.6717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

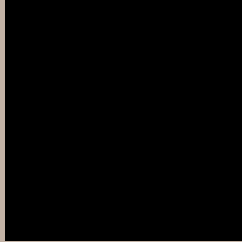
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5087, 46.5955, 42.6717

Background



This preview shows how black text looks on a background with the XYZ color 45.5087, 46.5955, 42.6717.



This preview shows how white text looks on a background with the XYZ color 45.5087, 46.5955,

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

45.5087, 46.5955, 42.6717

Protanopia

44.2380, 46.5291, 43.2086

Deuteranopia

47.4819, 46.4291, 43.0184



Tritanopia

47.9993, 46.7306, 54.6342

Trichromacy



Original Color

45.5087, 46.5955, 42.6717

Protanomaly

44.7822, 46.5089, 43.1761

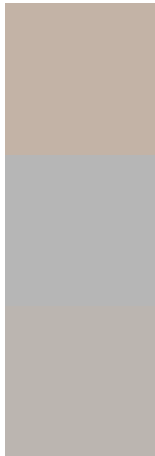
Deuteranomaly

46.5878, 46.2582, 43.0325

Tritanomaly

47.0886, 46.6508, 50.2387

Monochromacy



Original Color

45.5087, 46.5955, 42.6717

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.8539, 46.7471, 47.7333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5087, 46.5955, 42.6717 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(195, 179, 166)` looks like.

```
.text, #text, p{  
    color:rgb(195, 179, 166)  
}
```

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(195, 179, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 179, 166) }
```

Border

The CSS property to change the border of an element to XYZ 45.5087, 46.5955, 42.6717 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(195, 179, 166) }
```


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

```
.border{ border-color:rgb(195, 179, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 179, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 179, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 179, 166);  
box-shadow:4px 4px 4px 4px rgb(195, 179,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5087, 46.5955, 42.6717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 179, 166) }
```

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

```
.background{ background-color: rgb(195,  
179, 166) }
```

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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