

Converting Colors

XYZ(45.5747, 43.6851, 58.2504)

Have a look what the booklet for
XYZ(45.5747, 43.6851, 58.2504)
contains.

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Color

**XYZ(45.5737, 43.6821,
58.2540)**

Conversions

Conversions Part 1

Format	Color
Hex	BEAAC4
RGB	190, 170, 196
RGB Percent	75%, 67%, 77%
CMY	0.2549, 0.3333, 0.2314
CMYK	0.03, 0.13, 0.00, 0.23
HSL	286°, 18%, 72%
HSV	286°, 13%, 77%
XYZ	45.5737, 43.6821, 58.2540
YIQ	178.9440, 3.5740, 12.3260

Conversions

Conversions Part 2

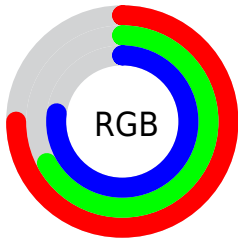
Format	Color
R _Y B	190, 170, 196
Decimal	12495556
CIE Lab	72.02, 11.97, -10.61
CIE LCh	72, 15.996, 318.442
Yxy	43.6821, 0.3090, 0.2961
Android (android.graphics.Color)	4290685636 (0xFFBEAAC4)
YUV	178.9440, 8.4086, 9.6961
Hunter-Lab	66.0924, 7.4220, -5.9936

Details

The XYZ color **45.5737, 43.6821, 58.2540** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.9017, 51.6133, 45.6282**, and the grayscale version is **42.7743, 45.0019, 49.0070**.

A 20% lighter version of the original color is **82.6609, 80.5351, 104.1166**, and **21.6774, 20.2282, 28.3531** is the 20% darker color. If you saturate the color by 10%, you get **41.0580, 36.3013, 57.0680**, and if you desaturate by 10%, it is **50.6749, 52.1803, 59.6261**.

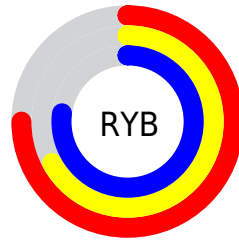
Distribution



Red (75%)

Green (67%)

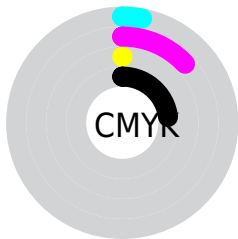
Blue (77%)



Red (75%)

Yellow (67%)

Blue (77%)

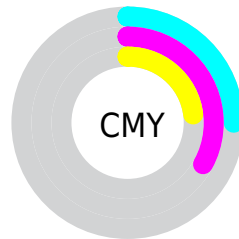


Cyan (3%)

Magenta (13%)

Yellow (0%)

Black (23%)



Cyan (25%)

Magenta (33%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5737, 43.6821, 58.2540 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 45.5737, 43.6821, 58.2540 by changing the saturation by 10% instead.

■ 45.5737, 43.6821,
58.2540

■ 45.5737, 43.6821,
58.2540

359.8368,
361.4094, 435.7564

■ 32.1127, 30.4207,
41.5968

■ 82.8124, 80.7392,
103.8111

■ 21.6036, 20.1581,
28.4625

107.3209,
105.3036, 133.5481

■ 13.6809, 12.5100,
18.4325

136.2426,
134.4045, 168.4821

■ 7.9793, 7.0920,
11.0883

169.9429,
168.4262, 209.0317

■ 4.1334, 3.5197,
6.0114

208.7871,
207.7532, 255.6153

■ 1.7779, 1.4087,
2.7831

253.1406,

■ 0.5043, 0.2231,

252.7697, 308.6517

0.9850

303.3687,
303.8604, 368.5592

■ 0.0000, 0.0000,
0.0000

■ 45.5737, 43.6821,
58.2540

■ 45.5737, 43.6821,
58.2540

■ 41.0580, 36.3013,
57.0680

■ 50.6749, 52.1803,
59.6261

■ 37.0993, 29.9839,
56.0573

■ 56.3806, 61.8357,
61.1891

■ 33.6728, 24.6795,
55.2140

■ 62.7138, 72.6931,
62.9510

■ 30.7498, 20.3316,
54.5289

■ 69.6951, 84.7932,
64.9186

■ 28.2991, 16.8782,
53.9914

■ 73.0540, 89.5947,
65.6683

■ 26.2857, 14.2496,
53.5902

■ 74.3814, 90.2791,
65.7304

■ 24.6693, 12.3657,
53.3118

■ 75.7458, 90.9824,
65.7943

■ 23.4014, 11.1304,
53.1402

■ 77.1473, 91.7049,
65.8599

■ 22.6831, 10.5426,
53.0645

■ 78.5862, 92.4467,
65.9272

Harmonies

Analogous

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



43.2022, 43.6821, 63.3051



45.5737, 43.6821, 58.2540



46.8793, 43.6821, 50.6399

Triad

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



45.5737, 43.6821, 58.2540



42.5797, 43.6821, 34.2960



36.7331, 43.6821, 52.4810

Complementary

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



45.5737, 43.6821, 58.2540



44.9017, 51.6133, 45.6282

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.



36.5828, 43.6821, 44.6121



45.5737, 43.6821, 58.2540



39.8792, 43.6821, 34.6733

Square

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



45.5737, 43.6821, 58.2540



45.1008, 43.6821, 37.1719



37.7113, 43.6821, 38.2662



38.1312, 43.6821, 59.7284

Rectangle

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



45.5737, 43.6821, 58.2540



46.9331, 43.6821, 45.3882



37.7113, 43.6821, 38.2662



36.5373, 43.6821, 49.8050

Sweetspot

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



45.5750, 43.6840, 58.2550



91.0212, 93.2201, 107.8037



42.0815, 43.6103, 58.4249



19.3244, 19.6883, 23.0317



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.



45.5750, 43.6840, 58.2550



80.0074, 74.9321, 104.8542



46.3335, 44.1641, 54.2656



10.2627, 10.1266, 12.6986



14.6529, 6.8143, 34.0996



0.6899, 0.3237, 1.4760

Inverse Universe

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



44.9776, 43.6217, 47.1257



78.7397, 74.8154, 80.5392



44.2482, 51.1987, 49.1122



10.1663, 10.1151, 10.9664



14.9626, 7.6748, 2.4493



0.6739, 0.3426, 0.2503

Previews

White Background



This preview shows how the XYZ color 45.5737, 43.6821, 58.2540 looks on a white background.

Color Contrast Check

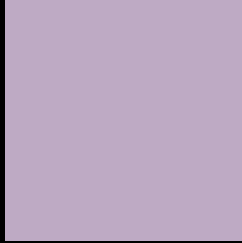
Large Text (above 18pt) WCAG AA × Fail

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 45.5737, 43.6821, 58.2540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

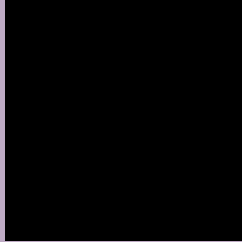
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5737, 43.6821, 58.2540

Background



This preview shows how black text looks on a background with the XYZ color 45.5737, 43.6821, 58.2540.



This preview shows how white text looks on a background with the XYZ color 45.5737, 43.6821,

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

45.5737, 43.6821, 58.2540

Protanopia

42.8724, 43.6677, 60.2019

Deuteranopia

44.7239, 43.8049, 58.3225



Tritanopia

44.2485, 43.6992, 52.0016

Trichromacy



Original Color

45.5737, 43.6821, 58.2540

Protanomaly

43.7270, 43.5481, 59.5270

Deuteranomaly

45.0202, 43.6761, 58.2821

Tritanomaly

44.7345, 43.6188, 54.2056

Monochromacy



Original Color

45.5737, 43.6821, 58.2540

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.8107, 44.6207, 52.2025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5737, 43.6821, 58.2540 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(190, 170, 196)` looks like.

```
.text, #text, p{  
    color:rgb(190, 170, 196)  
}
```

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(190, 170, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 170, 196) }
```

Border

The CSS property to change the border of an element to XYZ 45.5737, 43.6821, 58.2540 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(190, 170, 196) }
```


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

```
.border{ border-color:rgb(190, 170, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 170, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 170, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 170, 196);  
box-shadow:4px 4px 4px 4px rgb(190, 170,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5737, 43.6821, 58.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 170, 196) }
```

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

```
.background{ background-color: rgb(190,  
170, 196) }
```

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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