

Converting Colors

XYZ(25.0453, 24.0697, 45.8889)

Have a look what the booklet for
XYZ(25.0453, 24.0697, 45.8889)
contains.

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Color

**XYZ(25.0054, 23.9993,
45.9622)**

Conversions

Conversions Part 1

Format	Color
Hex	7F83B3
RGB	127, 131, 179
RGB Percent	50%, 51%, 70%
CMY	0.5020, 0.4863, 0.2980
CMYK	0.29, 0.27, 0.00, 0.30
HSL	235°, 25%, 60%
HSV	235°, 29%, 70%
XYZ	25.0054, 23.9993, 45.9622
YIQ	135.2760, -17.7920, 14.0800

Conversions

Conversions Part 2

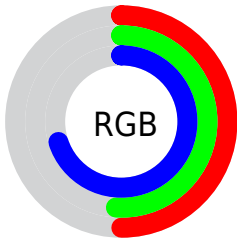
Format	Color
R_{YB}	127, 131, 179
Decimal	8356787
CIE _{Lab}	56.09, 9.66, -25.74
CIE _{LCh}	56, 27.495, 290.574
Yxy	23.9993, 0.2633, 0.2527
Android (android.graphics.Color)	4286546867 (0xFF7F83B3)
YUV	135.2760, 21.5559, -7.2581
Hunter-Lab	48.9891, 5.3805, -21.3343

Details

The XYZ color **25.0054, 23.9993, 45.9622** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **37.7516, 41.7764, 26.1535**, and the grayscale version is **23.0594, 24.2603, 26.4195**.

A 20% lighter version of the original color is **51.1919, 50.1029, 85.5700**, and **9.7637, 9.0774, 20.9762** is the 20% darker color. If you saturate the color by 10%, you get **20.5276, 18.6555, 45.1672**, and if you desaturate by 10%, it is **30.3123, 30.2969, 46.8985**.

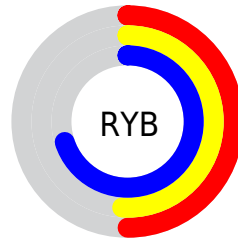
Distribution



Red (50%)

Green (51%)

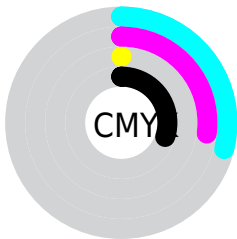
Blue (70%)



Red (50%)

Yellow (51%)

Blue (70%)

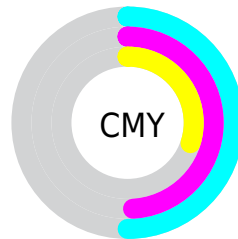


Cyan (29%)

Magenta (27%)

Yellow (0%)

Black (30%)



Cyan (50%)

Magenta (49%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0054, 23.9993, 45.9622 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 25.0054, 23.9993, 45.9622 by changing the saturation by 10% instead.

■ 25.0054, 23.9993,
45.9622

■ 25.0054, 23.9993,
45.9622

270.2120,
272.8169, 386.9298

■ 16.2098, 15.3331,
31.8675

■ 51.1088, 50.0291,
85.4961

■ 9.7645, 9.0535,
20.9964

■ 69.1474, 68.1614,
111.7724

■ 5.3042, 4.7761,
12.9301

■ 90.9976, 90.2179,
142.9464

■ 2.4634, 2.1165,
7.2503

117.0250,
116.5830, 179.4366

■ 0.8768, 0.6739,
3.5383

147.5947,
147.6411, 221.6615

■ 0.0000, 0.0000,
1.3756

183.0722,

■ 0.0000, 0.0000,

183.7765, 270.0396

0.1226

223.8228,
225.3736, 324.9895

■ 0.0000, 0.0000,
0.0000

■ 25.0054, 23.9993,
45.9622

■ 25.0054, 23.9993,
45.9622

■ 20.5276, 18.6555,
45.1672

■ 30.3123, 30.2969,
46.8985

■ 16.8347, 14.2164,
44.5050

■ 36.4849, 37.5888,
47.9806

■ 13.8821, 10.6325,
43.9688

■ 43.5602, 45.9165,
49.2151

■ 11.6196, 7.8486,
43.5507

■ 51.5725, 55.3182,
50.6075

■ 9.9907, 5.8031,
43.2418

■ 60.5545, 65.8304,
52.1632

■ 8.9301, 4.4250,
43.0317

■ 70.5370, 77.4877,
53.8871

■ 8.3337, 3.6170,
42.9071

■ 81.5497, 90.3231,
55.7842

■ 8.2907, 3.5626,
42.8989

■ 85.1368, 96.0347,
56.6976

Harmonies

Analogous

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



21.8332, 23.9993, 47.2444



25.0054, 23.9993, 45.9622



27.8151, 23.9993, 38.7648

Triad

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



25.0054, 23.9993, 45.9622



26.8765, 23.9993, 14.8940



17.3433, 23.9993, 23.3925

Complementary

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



25.0054, 23.9993, 45.9622



37.7516, 41.7764, 26.1535

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.



18.4456, 23.9993, 16.5922



25.0054, 23.9993, 45.9622



23.8168, 23.9993, 12.4850

Square

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



25.0054, 23.9993, 45.9622



28.9625, 23.9993, 20.4984



20.7482, 23.9993, 13.0255



17.5981, 23.9993, 32.7114

Rectangle

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



25.0054, 23.9993, 45.9622



29.0111, 23.9993, 32.3339



20.7482, 23.9993, 13.0255



17.5632, 23.9993, 20.7772

Sweetspot

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



25.0062, 24.0002, 45.9628



65.2210, 67.1763, 85.9100



32.5783, 39.8348, 46.3583



14.0750, 14.4410, 18.9678



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.0062, 24.0002, 45.9628



39.3746, 36.5335, 81.3576



28.0605, 24.7925, 45.9547



8.0928, 8.3317, 10.6880



5.8785, 2.5573, 30.3208



0.2022, 0.1149, 0.9598

Inverse Universe

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



30.2772, 26.4020, 24.9740



50.4273, 41.6806, 37.3216



33.9212, 40.9747, 26.2006



8.5220, 8.5155, 8.9814



13.2018, 6.7983, 0.9569



0.4241, 0.2174, 0.0759

Previews

White Background



This preview shows how the XYZ color 25.0054, 23.9993, 45.9622 looks on a white background.

Color Contrast Check

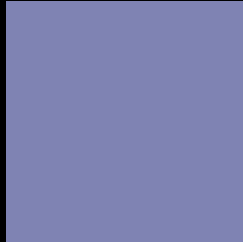
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0054, 23.9993, 45.9622 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 × Fail

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

XYZ 25.0054, 23.9993, 45.9622

Background



This preview shows how black text looks on a background with the XYZ color 25.0054, 23.9993, 45.9622.



This preview shows how white text looks on a background with the XYZ color 25.0054, 23.9993,

45.9622.

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

25.0054, 23.9993, 45.9622

Protanopia

24.5109, 24.1353, 46.5467

Deuteranopia

24.5563, 23.9682, 45.9799



Tritanopia

22.1761, 24.0944, 31.4988

Trichromacy



Original Color

25.0054, 23.9993, 45.9622

Protanomaly

24.6579, 24.0088, 46.5146

Deuteranomaly

24.7001, 24.0423, 45.9866

Tritanomaly

23.0904, 24.0421, 36.2245

Monochromacy



Original Color

25.0054, 23.9993, 45.9622

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.6267, 24.1901, 32.7020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0054, 23.9993, 45.9622 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(127, 131, 179)` looks like.

```
.text, #text, p{  
    color:rgb(127, 131, 179)  
}
```

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(127, 131, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 131, 179) }
```

Border

The CSS property to change the border of an element to XYZ 25.0054, 23.9993, 45.9622 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(127, 131, 179) }
```


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

```
.border{ border-color:rgb(127, 131, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 131, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 131, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 131, 179);  
box-shadow:4px 4px 4px 4px rgb(127, 131,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0054, 23.9993, 45.9622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 131, 179) }
```

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

```
.background{ background-color: rgb(127,  
131, 179) }
```

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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