

Converting Colors

XYZ(25.9383, 23.6531, 56.6245)

Have a look what the booklet for
XYZ(25.9383, 23.6531, 56.6245)
contains.

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Color

**XYZ(25.9383, 23.6531,
56.6245)**

Conversions

Conversions Part 1

Format	Color
Hex	7A80C6
RGB	122, 128, 198
RGB Percent	48%, 50%, 78%
CMY	0.5216, 0.4980, 0.2235
CMYK	0.38, 0.35, 0.00, 0.22
HSL	235°, 40%, 63%
HSV	235°, 38%, 78%
XYZ	25.9383, 23.6531, 56.6245
YIQ	134.1860, -26.0460, 20.4980

Conversions

Conversions Part 2

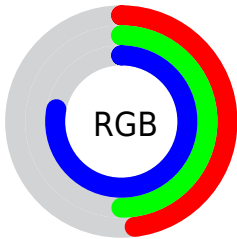
Format	Color
R _Y B	122, 128, 198
Decimal	8028358
CIE Lab	55.74, 15.10, -37.15
CIE LCh	56, 40.098, 292.120
Yxy	23.6531, 0.2442, 0.2227
Android (android.graphics.Color)	4286218438 (0xFF7A80C6)
YUV	134.1860, 31.4603, -10.6871
Hunter-Lab	48.6345, 10.0894, -34.9865

Details

The XYZ color **25.9383, 23.6531, 56.6245** is a light color, and the websafe version is hex **666699**. A complement of this color would be **45.6522, 51.1116, 25.8730**, and the grayscale version is **22.6239, 23.8021, 25.9205**.

A 20% lighter version of the original color is **52.7053, 49.6149, 101.4065**, and **10.2843, 8.8708, 27.5558** is the 20% darker color. If you saturate the color by 10%, you get **21.2463, 18.0151, 55.7840**, and if you desaturate by 10%, it is **31.6307, 30.4424, 57.6354**.

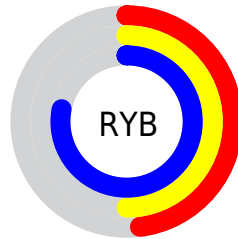
Distribution



Red (48%)

Green (50%)

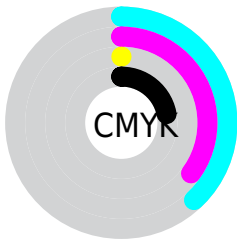
Blue (78%)



Red (48%)

Yellow (50%)

Blue (78%)

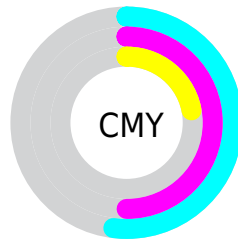


Cyan (38%)

Magenta (35%)

Yellow (0%)

Black (22%)



Cyan (52%)

Magenta (50%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9383, 23.6531, 56.6245 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 25.9383, 23.6531, 56.6245 by changing the saturation by 10% instead.

■ 25.9383, 23.6531,
56.6245

■ 25.9383, 23.6531,
56.6245

274.7413,
271.0619, 429.4950

■ 16.9099, 15.0765,
40.2965

■ 52.6074, 49.4635,
101.4120

■ 10.2652, 8.8731,
27.4542

■ 70.9788, 67.4661,
130.7085

■ 5.6388, 4.6585,
17.6792

■ 93.1953, 89.3795,
165.1650

■ 2.6652, 2.0483,
10.5529

119.6223,
115.5880, 205.1999

■ 0.9793, 0.6353,
5.6567

150.6250,
146.4762, 251.2318

■ 0.0000, 0.0000,
2.5721

186.5688,

■ 0.0000, 0.0000,

182.4283, 303.6793

0.8780

227.8192,
223.8287, 362.9608

■ 0.0000, 0.0000,
0.0000

■ 25.9383, 23.6531,
56.6245

■ 25.9383, 23.6531,
56.6245

■ 21.2463, 18.0151,
55.7840

■ 31.6307, 30.4424,
57.6354

■ 17.4943, 13.4619,
55.1029

■ 38.3740, 38.4391,
58.8235

■ 14.6194, 9.9243,
54.5716

■ 46.2187, 47.6991,
60.1974

■ 12.5499, 7.3240,
54.1788

■ 55.2108, 58.2737,
61.7646

■ 11.2024, 5.5711,
53.9114

■ 65.3940, 70.2117,
63.5321

■ 10.4590, 4.5495,
53.7534

■ 76.8097, 83.5590,
65.5067

■ 10.3729, 4.4369,
53.7362

■ 87.1931, 96.8573,
67.5263

Harmonies

Analogous

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



21.3038, 23.6531, 59.3857



25.9383, 23.6531, 56.6245



30.1154, 23.6531, 44.3979

Triad

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



25.9383, 23.6531, 56.6245



28.2905, 23.6531, 10.6114



14.8834, 23.6531, 22.4708

Complementary

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



25.9383, 23.6531, 56.6245



45.6522, 51.1116, 25.8730

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.



16.2609, 23.6531, 13.2331



25.9383, 23.6531, 56.6245



23.7020, 23.6531, 8.0578

Square

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



25.9383, 23.6531, 56.6245



31.5960, 23.6531, 17.4269



19.3464, 23.6531, 8.8214



15.3138, 23.6531, 36.3842

Rectangle

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



25.9383, 23.6531, 56.6245



31.8745, 23.6531, 34.2350



19.3464, 23.6531, 8.8214



15.1430, 23.6531, 18.8042

Sweetspot

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



25.9392, 23.6540, 56.6251



76.3331, 77.9684, 105.6340



37.6985, 48.3174, 57.0156



15.9412, 16.2197, 22.5405



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.



25.9392, 23.6540, 56.6251



38.9088, 33.4521, 99.0139



30.4167, 24.8349, 56.6170



10.1228, 10.4197, 13.3952



6.7712, 2.9363, 34.9542



0.3445, 0.1867, 1.6630

Inverse Universe

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



34.1453, 27.4845, 23.9281



55.5487, 41.4563, 32.6606



39.5036, 49.9370, 25.9704



10.6673, 10.6503, 11.2312



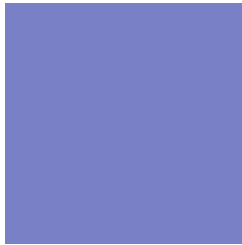
15.2171, 7.8364, 1.0873



0.7326, 0.3759, 0.1149

Previews

White Background



This preview shows how the XYZ color 25.9383, 23.6531, 56.6245 looks on a white background.

Color Contrast Check

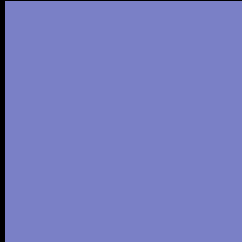
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9383, 23.6531, 56.6245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

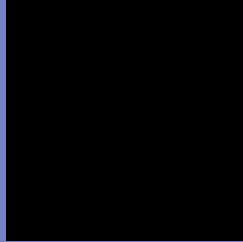
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9383, 23.6531, 56.6245

Background



This preview shows how black text looks on a background with the XYZ color 25.9383, 23.6531, 56.6245.



This preview shows how white text looks on a background with the XYZ color 25.9383, 23.6531,

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

25.9383, 23.6531, 56.6245

Protanopia

24.9656, 23.7009, 58.5172

Deuteranopia

24.4094, 23.8704, 56.1443



Tritanopia

20.9437, 23.6619, 31.8971

Trichromacy



Original Color

25.9383, 23.6531, 56.6245

Protanomaly

25.3474, 23.7128, 57.8847

Deuteranomaly

24.8764, 23.7086, 56.0884

Tritanomaly

22.4396, 23.4176, 39.8966

Monochromacy



Original Color

25.9383, 23.6531, 56.6245

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.5430, 23.6827, 35.2287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9383, 23.6531, 56.6245 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(122, 128, 198)` looks like.

```
.text, #text, p{  
    color:rgb(122, 128, 198)  
}
```

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(122, 128, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 128, 198) }
```

Border

The CSS property to change the border of an element to XYZ 25.9383, 23.6531, 56.6245 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(122, 128, 198) }
```


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

```
.border{ border-color:rgb(122, 128, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 128, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 128, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 128, 198);  
box-shadow:4px 4px 4px 4px rgb(122, 128,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9383, 23.6531, 56.6245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 128, 198) }
```

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

```
.background{ background-color: rgb(122,  
128, 198) }
```

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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