

Converting Colors

XYZ(24.9879, 23.5681, 50.7621)

Have a look what the booklet for
XYZ(24.9879, 23.5681, 50.7621)
contains.

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Color

**XYZ(24.9534, 23.4689,
50.7917)**

Conversions

Conversions Part 1

Format	Color
Hex	7A81BC
RGB	122, 129, 188
RGB Percent	48%, 51%, 74%
CMY	0.5216, 0.4941, 0.2627
CMYK	0.35, 0.31, 0.00, 0.26
HSL	234°, 33%, 61%
HSV	234°, 35%, 74%
XYZ	24.9534, 23.4689, 50.7917
YIQ	133.6330, -23.1110, 16.8650

Conversions

Conversions Part 2

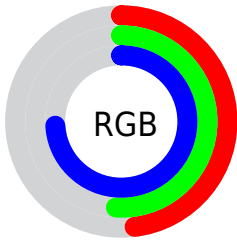
Format	Color
R _{YB}	122, 128, 188
Decimal	8028604
CIE _{Lab}	55.55, 11.75, -31.74
CIE _{LCh}	56, 33.848, 290.305
Yxy	23.4689, 0.2515, 0.2365
Android (android.graphics.Color)	4286218684 (0xFF7A81BC)
YUV	133.6330, 26.8029, -10.2021
Hunter-Lab	48.4447, 7.1654, -28.2511

Details

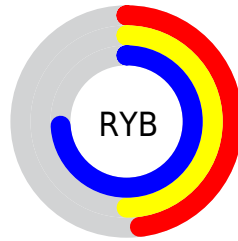
The XYZ color **24.9534, 23.4689, 50.7917** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **40.7764, 45.1450, 24.9781**, and the grayscale version is **22.4371, 23.6056, 25.7065**.

A 20% lighter version of the original color is **50.9616, 49.2177, 92.4019**, and **9.6975, 8.7606, 23.7341** is the 20% darker color. If you saturate the color by 10%, you get **20.5098, 18.1581, 50.0012**, and if you desaturate by 10%, it is **30.2776, 29.7752, 51.7287**.

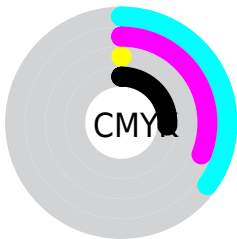
Distribution



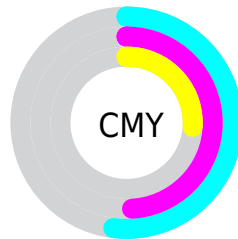
- Red (48%)
- Green (51%)
- Blue (74%)



- Red (48%)
- Yellow (50%)
- Blue (74%)



- Cyan (35%)
- Magenta (31%)
- Yellow (0%)
- Black (26%)



- Cyan (52%)
- Magenta (49%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9534, 23.4689, 50.7917 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 24.9534, 23.4689, 50.7917 by changing the saturation by 10% instead.

■ 24.9534, 23.4689,
50.7917

■ 24.9534, 23.4689,
50.7917

269.9577,
270.1243, 406.5774

■ 16.1709, 14.9401,
35.6673

■ 51.0251, 49.1621,
92.7551

■ 9.7368, 8.7774,
23.8897

■ 69.0449, 67.0954,
120.4313

■ 5.2857, 4.5963,
15.0404

■ 90.8746, 88.9322,
153.1283

■ 2.4523, 2.0124,
8.7008

116.8794,
115.0570, 191.2649

■ 0.8713, 0.6146,
4.4524

147.4248,
145.8543, 235.2596

■ 0.0000, 0.0000,
1.8767

182.8761,

■ 0.0000, 0.0000,

181.7083, 285.5309

0.4778

223.5986,
223.0035, 342.4973

■ 0.0000, 0.0000,
0.0000

■ 24.9534, 23.4689,
50.7917

■ 24.9534, 23.4689,
50.7917

■ 20.5098, 18.1581,
50.0012

■ 30.2776, 29.7752,
51.7287

■ 16.8969, 13.7891,
49.3484

■ 36.5241, 37.1215,
52.8175

■ 14.0633, 10.3074,
48.8257

■ 43.7346, 45.5529,
54.0649

■ 11.9509, 7.6516,
48.4244

■ 51.9477, 55.1112,
55.4769

■ 10.4934, 5.7523,
48.1346

■ 61.1998, 65.8358,
57.0594

■ 9.6115, 4.5286,
47.9449

■ 71.5256, 77.7642,
58.8176

■ 9.3262, 4.1290,
47.8828

■ 82.9580, 90.9324,
60.7567

■ 86.0772, 96.4109,
61.6498

Harmonies

Analogous

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



21.0924, 23.4689, 52.3998



24.9534, 23.4689, 50.7917



28.4483, 23.4689, 41.4796

Triad

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



24.9534, 23.4689, 50.7917



27.3338, 23.4689, 12.5456



15.8220, 23.4689, 22.1727

Complementary

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



24.9534, 23.4689, 50.7917



40.7764, 45.1450, 24.9781

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.



17.1191, 23.4689, 14.3362



24.9534, 23.4689, 50.7917



23.5663, 23.4689, 9.9223

Square

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



24.9534, 23.4689, 50.7917



29.9277, 23.4689, 18.9275



19.8537, 23.4689, 10.4678



16.1032, 23.4689, 33.5697

Rectangle

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



24.9534, 23.4689, 50.7917



29.9603, 23.4689, 33.3179



19.8537, 23.4689, 10.4678



16.0817, 23.4689, 19.1003

Sweetspot

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



24.9542, 23.4698, 50.7923



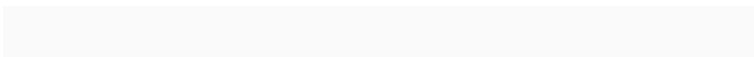
71.1107, 73.0353, 96.5755



34.2788, 43.4121, 49.9137



14.9208, 15.2714, 20.7038



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



24.9542, 23.4698, 50.7923



38.9764, 35.0755, 90.9422



28.1240, 23.7817, 50.6854



9.0958, 9.3839, 12.0041



6.3770, 2.8658, 32.6099



0.2773, 0.1673, 1.2865

Inverse Universe

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



31.6617, 26.1963, 24.1573



52.9976, 41.0140, 35.2117



36.5397, 45.1270, 25.1979



9.5702, 9.5524, 10.1257



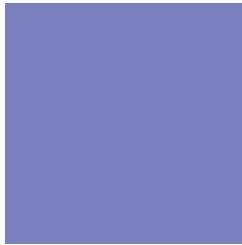
14.2196, 7.3190, 1.1840



0.5709, 0.2922, 0.1195

Previews

White Background



This preview shows how the XYZ color 24.9534, 23.4689, 50.7917 looks on a white background.

Color Contrast Check

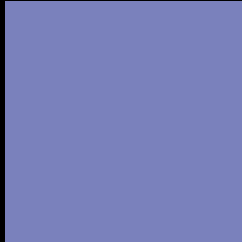
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9534, 23.4689, 50.7917 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 24.9534, 23.4689, 50.7917

Background



This preview shows how black text looks on a background with the XYZ color 24.9534, 23.4689, 50.7917.



This preview shows how white text looks on a background with the XYZ color 24.9534, 23.4689,

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

24.9534, 23.4689, 50.7917

Protanopia

24.3500, 23.5277, 51.9731

Deuteranopia

23.8960, 23.3312, 50.2576



Tritanopia

21.1010, 23.5401, 31.4485

Trichromacy



Original Color

24.9534, 23.4689, 50.7917

Protanomaly

24.5041, 23.4213, 51.3734

Deuteranomaly

24.1547, 23.2661, 50.2314

Tritanomaly

22.3384, 23.4075, 37.9911

Monochromacy



Original Color

24.9534, 23.4689, 50.7917

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.2899, 23.5814, 33.8960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9534, 23.4689, 50.7917 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, 129, 188)` looks like.

```
.text, #text, p{  
    color:rgb(122, 129, 188)  
}
```

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, 129, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 129, 188) }
```

Border

The CSS property to change the border of an element to XYZ 24.9534, 23.4689, 50.7917 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, 129, 188) }
```


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

```
.border{ border-color:rgb(122, 129, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 129, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 129, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 129, 188); box-shadow:4px 4px 4px 4px rgb(122, 129, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9534, 23.4689, 50.7917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 129, 188) }
```

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

```
.background{ background-color: rgb(122,  
129, 188) }
```

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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