

Converting Colors

XYZ(24.7751, 23.5275, 53.3265)

Have a look what the booklet for
XYZ(24.7751, 23.5275, 53.3265)
contains.

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Color

**XYZ(24.6995, 23.4840,
53.1002)**

Conversions

Conversions Part 1	
Format	Color
Hex	7482C0
RGB	116, 130, 192
RGB Percent	45%, 51%, 75%
CMY	0.5451, 0.4902, 0.2471
CMYK	0.40, 0.32, 0.00, 0.25
HSL	229°, 38%, 60%
HSV	229°, 40%, 75%
XYZ	24.6995, 23.4840, 53.1002
YIQ	132.8820, -28.2460, 16.3140

Conversions

Conversions Part 2

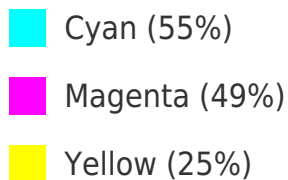
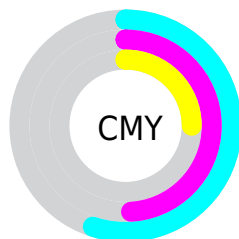
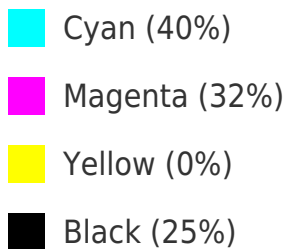
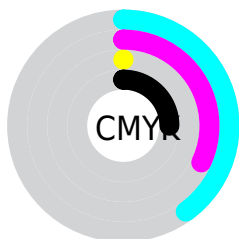
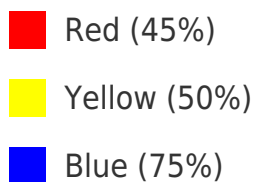
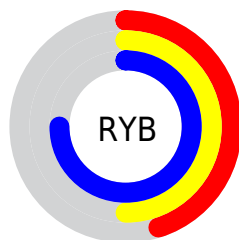
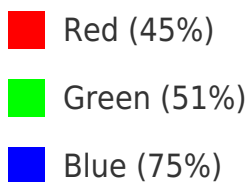
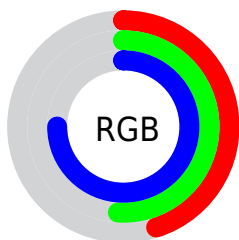
Format	Color
RYB	116, 128, 192
Decimal	7635648
CIELab	55.57, 10.59, -34.03
CIELCh	56, 35.643, 287.285
Yxy	23.4840, 0.2439, 0.2319
Android (android.graphics.Color)	4285825728 (0xFF7482C0)
YUV	132.8820, 29.1452, -14.8055
Hunter-Lab	48.4603, 6.1733, -31.0446

Details

The XYZ color **24.6995, 23.4840, 53.1002** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.8118, 44.3091, 22.9255**, and the grayscale version is **22.1569, 23.3107, 25.3854**.

A 20% lighter version of the original color is **50.6099, 49.2526, 96.4618**, and **9.5798, 8.7766, 25.2339** is the 20% darker color. If you saturate the color by 10%, you get **20.4789, 18.4476, 52.3510**, and if you desaturate by 10%, it is **29.7664, 29.4284, 53.9810**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 24.6995, 23.4840, 53.1002 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 24.6995, 23.4840, 53.1002 by changing the saturation by 10% instead.


 24.6995, 23.4840,
53.1002

 24.6995, 23.4840,
53.1002


268.7134,
270.2013, 415.7466


 15.9808, 14.9513,
37.4945

 50.6157, 49.1868,
96.1948

 9.6014, 8.7852,
25.2918


 68.5440, 67.1258,
124.5208

 5.1957, 4.6013,
16.0736


 90.2729, 88.9689,
157.9240

 2.3985, 2.0153,
9.4213

116.1677,
115.1006, 196.8229

 0.8443, 0.6163,
4.9165

146.5938,
145.9053, 241.6361

 0.0000, 0.0000,
2.1404


181.9165,


 0.0000, 0.0000,


181.7674, 292.7821


0.6397


222.5013,
223.0712, 350.6794


 0.0000, 0.0000,
0.0000


 24.6995, 23.4840,
53.1002

 24.6995, 23.4840,
53.1002


 20.4789, 18.4476,
52.3510

 29.7664, 29.4284,
53.9810


 17.0551, 14.2711,
51.7253


 35.7203, 36.3204,
54.9974


 14.3771, 10.9058,
51.2168

 42.6025, 44.2003,
56.1557

 12.3869, 8.2970,
50.8182

 50.4508, 53.1054,
57.4609

 11.0170, 6.3825,
50.5209

 59.3007, 63.0710,
58.9180

■ 10.1561, 5.0741,
50.3137

■ 69.1863, 74.1306,
60.5317

■ 10.1264, 5.0296,
50.3067

■ 80.1397, 86.3164,
62.3065

■ 86.5145, 96.5858,
63.9527

Harmonies

Analogous

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



20.6608, 23.4840, 53.8479



24.6995, 23.4840, 53.1002



28.5018, 23.4840, 43.7393

Triad

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



24.6995, 23.4840, 53.1002



27.9915, 23.4840, 12.5003



15.5922, 23.4840, 20.9963

Complementary

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



24.6995, 23.4840, 53.1002



40.8118, 44.3091, 22.9255

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.



17.1051, 23.4840, 13.2917



24.6995, 23.4840, 53.1002



24.0675, 23.4840, 9.4735

Square

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



24.6995, 23.4840, 53.1002



30.5536, 23.4840, 19.5353



20.1000, 23.4840, 9.7113



15.7182, 23.4840, 32.7350

Rectangle

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



24.6995, 23.4840, 53.1002



30.2455, 23.4840, 35.1166



20.1000, 23.4840, 9.7113



15.9175, 23.4840, 17.9324

Sweetspot

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



24.7003, 23.4849, 53.1008



73.7714, 76.1841, 101.1771



33.9687, 44.5792, 48.3055



15.4665, 15.9326, 21.6454



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



24.7003, 23.4849, 53.1008



38.3945, 34.9758, 95.0877



26.3748, 21.7694, 52.6814



9.6751, 10.0415, 12.7131



6.8562, 3.4689, 33.8648



0.3429, 0.2432, 1.4788

Inverse Universe

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



32.0136, 25.3099, 24.3178



53.5401, 39.2654, 35.3647



38.4078, 47.4179, 23.6523



10.1473, 10.1075, 10.8662



14.8567, 7.6324, 1.8913



0.6655, 0.3392, 0.2057

Previews

White Background



This preview shows how the XYZ color 24.6995, 23.4840, 53.1002 looks on a white background.

Color Contrast Check

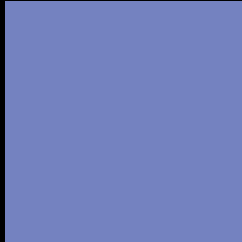
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6995, 23.4840, 53.1002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

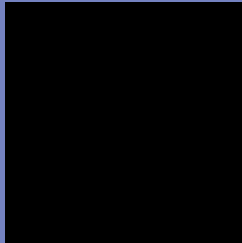
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.6995, 23.4840, 53.1002

Background



This preview shows how black text looks on a background with the XYZ color 24.6995, 23.4840, 53.1002.



This preview shows how white text looks on a background with the XYZ color 24.6995, 23.4840,

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

24.6995, 23.4840, 53.1002

Protanopia

24.5520, 23.5936, 53.7121

Deuteranopia

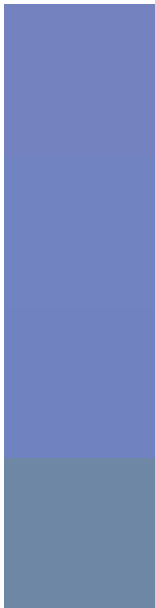
24.1961, 23.6233, 53.1537



Tritanopia

20.3390, 23.3501, 31.8688

Trichromacy



Original Color
24.6995, 23.4840, 53.1002

Protanomaly
24.6814, 23.6603, 53.7181

Deuteranomaly
24.3128, 23.4831, 53.1204

Tritanomaly
21.7622, 23.2958, 38.9469

Monochromacy



Original Color
24.6995, 23.4840, 53.1002

Achromatopsia
22.2940, 23.4551, 25.5426

Achromatomaly
22.8364, 23.3476, 33.8748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6995, 23.4840, 53.1002 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(116, 130, 192) looks like.

```
.text, #text, p{  
    color:rgb(116, 130, 192)  
}
```

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(116, 130, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 130, 192) }
```

Border

The CSS property to change the border of an element to XYZ 24.6995, 23.4840, 53.1002 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(116, 130, 192) }
```


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

```
.border{ border-color:rgb(116, 130, 192) }
```

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

Here you see how a box with a 4 pixel rgb(116, 130, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 130, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 130, 192);  
box-shadow:4px 4px 4px 4px rgb(116, 130,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6995, 23.4840, 53.1002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 130, 192) }
```

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

```
.background{ background-color: rgb(116,  
130, 192) }
```

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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