

Converting Colors

XYZ(23.9618, 25.3868, 42.0907)

Have a look what the booklet for
XYZ(23.9618, 25.3868, 42.0907)
contains.

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Color

**XYZ(24.0649, 25.4783,
42.1775)**

Conversions

Conversions Part 1

Format	Color
Hex	758CAB
RGB	117, 140, 171
RGB Percent	46%, 55%, 67%
CMY	0.5412, 0.4510, 0.3294
CMYK	0.32, 0.18, 0.00, 0.33
HSL	214°, 24%, 56%
HSV	214°, 32%, 67%
XYZ	24.0649, 25.4783, 42.1775
YIQ	136.6570, -23.6590, 4.7650

Conversions

Conversions Part 2

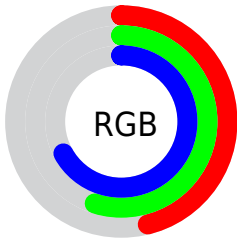
Format	Color
RYB	117, 133, 171
Decimal	7703723
CIELab	57.54, -0.66, -19.00
CIElCh	58, 19.014, 268.004
Yxy	25.4783, 0.2624, 0.2778
Android (android.graphics.Color)	4285893803 (0xFF758CAB)
YUV	136.6570, 16.9311, -17.2392
Hunter-Lab	50.4760, -3.2316, -14.2092

Details

The XYZ color **24.0649, 25.4783, 42.1775** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **30.5959, 31.1226, 21.2252**, and the grayscale version is **23.5937, 24.8224, 27.0316**.

A 20% lighter version of the original color is **49.3750, 52.1770, 79.4203**, and **9.3007, 9.8375, 18.8614** is the 20% darker color. If you saturate the color by 10%, you get **20.6029, 21.6589, 41.6232**, and if you desaturate by 10%, it is **28.0762, 29.7721, 42.7953**.

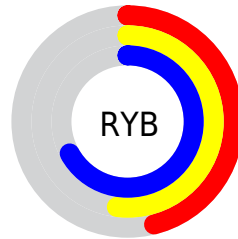
Distribution



Red (46%)

Green (55%)

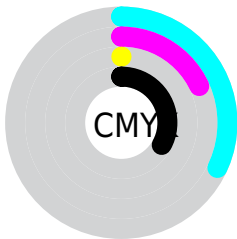
Blue (67%)



Red (46%)

Yellow (52%)

Blue (67%)

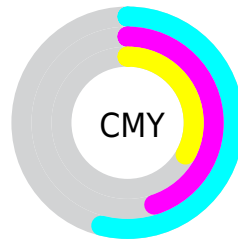


Cyan (32%)

Magenta (18%)

Yellow (0%)

Black (33%)



Cyan (54%)

Magenta (45%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0649, 25.4783, 42.1775 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 24.0649, 25.4783, 42.1775 by changing the saturation by 10% instead.

■ 24.0649, 25.4783,
42.1775

■ 24.0649, 25.4783,
42.1775

265.5828,
280.2116, 371.0396

■ 15.5068, 16.4338,
28.9137

■ 49.5900, 52.4321,
79.7412

■ 9.2644, 9.8316,
18.7705

■ 67.2877, 71.1102,
104.8781

■ 4.9726, 5.2875,
11.3295

■ 88.7626, 93.7682,
134.8099

■ 2.2658, 2.4169,
6.1719

114.3800,
120.7906, 169.9550

■ 0.7771, 0.8346,
2.8794

144.5054,
152.5617, 210.7320

■ 0.0000, 0.0000,
1.0334

179.5041,

■ 0.0000, 0.0000,

189.4660, 257.5594

0.0000

219.7415,
231.8878, 310.8557

■ 24.0649, 25.4783,
42.1775

■ 24.0649, 25.4783,
42.1775

■ 20.6029, 21.6589,
41.6232

■ 28.0762, 29.7721,
42.7953

■ 17.6616, 18.2923,
41.1284

■ 32.6587, 34.5545,
43.4769

■ 15.2133, 15.3598,
40.6914

■ 37.8361, 39.8429,
44.2248

■ 13.2264, 12.8397,
40.3097

■ 43.6298, 45.6528,
45.0408

■ 11.6653, 10.7079,
39.9805

■ 50.0602, 51.9991,
45.9269

■ 10.4883, 8.9371,
39.7007

■ 57.1469, 58.8958,
46.8846

■ 9.7225, 7.6838,
39.4992

■ 64.9083, 66.3567,
47.9156

■ 73.3623, 74.3948,
49.0215

■ 76.4310, 79.8807,
49.9187

Harmonies

Analogous

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



21.9799, 25.4783, 39.7296



24.0649, 25.4783, 42.1775



26.3207, 25.4783, 40.2844

Triad

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



24.0649, 25.4783, 42.1775



28.2714, 25.4783, 22.2843



20.7053, 25.4783, 21.6401

Complementary

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



24.0649, 25.4783, 42.1775



30.5959, 31.1226, 21.2252

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.



22.2273, 25.4783, 18.1168



24.0649, 25.4783, 42.1775



26.5996, 25.4783, 18.4459

Square

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



24.0649, 25.4783, 42.1775



28.8379, 25.4783, 28.1785



24.3685, 25.4783, 17.0444



20.1170, 25.4783, 27.3091

Rectangle

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



24.0649, 25.4783, 42.1775



27.6017, 25.4783, 36.9580



24.3685, 25.4783, 17.0444



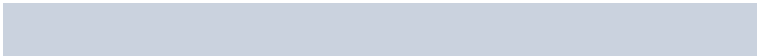
21.1198, 25.4783, 20.2008

Sweetspot

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



24.0657, 25.4793, 42.1781



60.6328, 64.0912, 78.1770



27.2134, 35.0338, 33.1799



13.2389, 14.0021, 17.3926



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



24.0657, 25.4793, 42.1781



38.6020, 40.6924, 74.8218



21.5420, 19.6999, 41.1956



7.8488, 8.2971, 10.1405



7.3794, 5.8926, 29.7930



0.2603, 0.2739, 0.8471

Inverse Universe

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



27.8902, 23.2748, 27.8344



46.6888, 36.5879, 44.3676



33.7953, 38.6698, 22.5133



8.1415, 8.0699, 9.0560



13.5884, 6.8979, 5.4780



0.4058, 0.2030, 0.2985

Previews

White Background



This preview shows how the XYZ color 24.0649, 25.4783, 42.1775 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 24.0649, 25.4783, 42.1775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

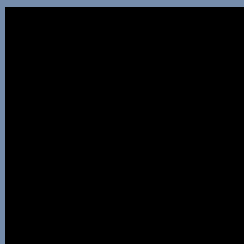
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

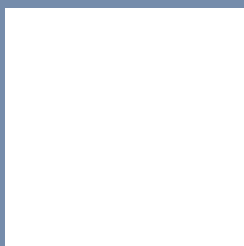
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0649, 25.4783, 42.1775

Background



This preview shows how black text looks on a background with the XYZ color 24.0649, 25.4783, 42.1775.



This preview shows how white text looks on a background with the XYZ color 24.0649, 25.4783,

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

24.0649, 25.4783, 42.1775

Protanopia

25.4672, 25.5812, 41.1315

Deuteranopia

25.9419, 25.3748, 42.5603



Tritanopia

22.4652, 25.4887, 34.3076

Trichromacy



Original Color

24.0649, 25.4783, 42.1775

Protanomaly

24.9484, 25.5149, 41.6402

Deuteranomaly

25.2941, 25.4591, 42.6107

Tritanomaly

22.9576, 25.4615, 36.9623

Monochromacy



Original Color

24.0649, 25.4783, 42.1775

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.7192, 25.0927, 32.0270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0649, 25.4783, 42.1775 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(117, 140, 171)` looks like.

```
.text, #text, p{  
    color:rgb(117, 140, 171)  
}
```

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(117, 140, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 140, 171) }
```

Border

The CSS property to change the border of an element to XYZ 24.0649, 25.4783, 42.1775 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(117, 140, 171) }
```


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

```
.border{ border-color:rgb(117, 140, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 140, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 140, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 140, 171);  
box-shadow:4px 4px 4px 4px rgb(117, 140,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0649, 25.4783, 42.1775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 140, 171) }
```

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

```
.background{ background-color: rgb(117,  
140, 171) }
```

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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