

Converting Colors

XYZ(24.8359, 26.8561, 42.5253)

Have a look what the booklet for
XYZ(24.8359, 26.8561, 42.5253)
contains.

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Color

**XYZ(24.7952, 26.7383,
42.3822)**

Conversions

Conversions Part 1

Format	Color
Hex	7690AB
RGB	118, 144, 171
RGB Percent	46%, 56%, 67%
CMY	0.5372, 0.4353, 0.3294
CMYK	0.31, 0.16, 0.00, 0.33
HSL	211°, 24%, 57%
HSV	211°, 31%, 67%
XYZ	24.7952, 26.7383, 42.3822
YIQ	139.3040, -24.1630, 2.8850

Conversions

Conversions Part 2

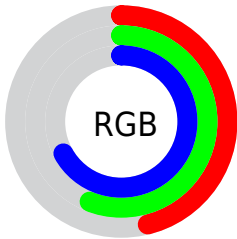
Format	Color
RYB	118, 135, 171
Decimal	7770283
CIELab	58.73, -2.64, -17.18
CIELCh	59, 17.382, 261.279
Yxy	26.7383, 0.2640, 0.2847
Android (android.graphics.Color)	4285960363 (0xFF7690AB)
YUV	139.3040, 15.6261, -18.6836
Hunter-Lab	51.7091, -4.8978, -12.3994

Details

The XYZ color **24.7952, 26.7383, 42.3822** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **30.1906, 30.2173, 21.3818**, and the grayscale version is **24.6067, 25.8882, 28.1922**.

A 20% lighter version of the original color is **50.7161, 54.5371, 79.8052**, and **9.7164, 10.5663, 18.9801** is the 20% darker color. If you saturate the color by 10%, you get **21.4114, 23.1108, 41.8608**, and if you desaturate by 10%, it is **28.7035, 30.7886, 42.9585**.

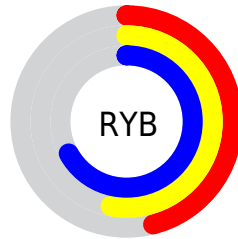
Distribution



Red (46%)

Green (56%)

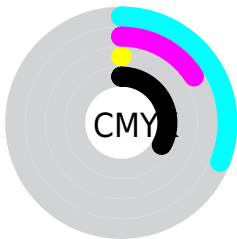
Blue (67%)



Red (46%)

Yellow (53%)

Blue (67%)

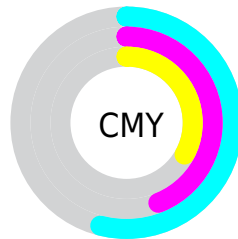


Cyan (31%)

Magenta (16%)

Yellow (0%)

Black (33%)



Cyan (54%)

Magenta (44%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7952, 26.7383, 42.3822 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 24.7952, 26.7383, 42.3822 by changing the saturation by 10% instead.

■ 24.7952, 26.7383,
42.3822

■ 24.7952, 26.7383,
42.3822

269.1830,
286.3878, 371.9112

■ 16.0525, 17.3768,
29.0729

■ 50.7701, 54.4636,
80.0541

■ 9.6524, 10.5035,
18.8899

■ 68.7329, 73.5962,
105.2537

■ 5.2296, 5.7340,
11.4147

■ 90.4998, 96.7547,
135.2538

■ 2.4187, 2.6840,
6.2289

116.4362,
124.3233, 170.4730

■ 0.8545, 0.9691,
2.9137

146.9073,
156.6865, 211.3298

■ 0.0000, 0.0000,
1.0507

182.2786,

■ 0.0000, 0.0000,

194.2287, 258.2427

0.0000

222.9153,
237.3344, 311.6303

■ 24.7952, 26.7383,
42.3822

■ 24.7952, 26.7383,
42.3822

■ 21.4114, 23.1108,
41.8608

■ 28.7035, 30.7886,
42.9585

■ 18.5246, 19.8866,
41.3906

■ 33.1570, 35.2738,
43.5895

■ 16.1082, 17.0491,
40.9703

■ 38.1784, 40.2094,
44.2775

■ 14.1321, 14.5793,
40.5977

■ 43.7881, 45.6090,
45.0240

■ 12.5623, 12.4557,
40.2706

■ 50.0058, 51.4857,
45.8306

■ 11.3587, 10.6538,
39.9862

■ 56.8498, 57.8519,
46.6987

■ 10.5125, 9.2637,
39.7625

■ 64.3380, 64.7197,
47.6297

■ 72.4873, 72.1005,
48.6248

■ 74.8193, 76.6573,
49.3814

Harmonies

Analogous

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



22.9262, 26.7383, 39.3080



24.7952, 26.7383, 42.3822



26.9365, 26.7383, 41.5312

Triad

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



24.7952, 26.7383, 42.3822



29.4437, 26.7383, 25.0433



22.3373, 26.7383, 22.3474

Complementary

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



24.7952, 26.7383, 42.3822



30.1906, 30.2173, 21.3818

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.



23.9499, 26.7383, 19.4563



24.7952, 26.7383, 42.3822



28.0754, 26.7383, 20.8541

Square

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



24.7952, 26.7383, 42.3822



29.7014, 26.7383, 30.9369



26.0429, 26.7383, 18.9508



21.5603, 26.7383, 27.3631

Rectangle

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



24.7952, 26.7383, 42.3822



28.2260, 26.7383, 38.8965



26.0429, 26.7383, 18.9508



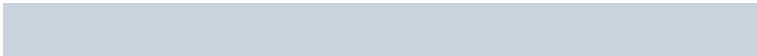
22.7952, 26.7383, 21.1259

Sweetspot

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



24.7960, 26.7394, 42.3828



60.9535, 64.7326, 78.2839



27.1072, 35.0069, 31.9155



13.3207, 14.1656, 17.4198



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.



24.7960, 26.7394, 42.3828



40.2686, 43.4773, 75.2715



21.3012, 19.7497, 41.2179



7.8911, 8.3816, 10.1546



7.9773, 7.0884, 29.9923



0.2768, 0.3070, 0.8527

Inverse Universe

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



28.3078, 23.6293, 29.4555



47.6638, 37.4903, 47.9225



34.6280, 39.0922, 22.8610



8.1628, 8.0784, 9.1683



13.8902, 7.0186, 7.0672



0.4141, 0.2063, 0.3425

Previews

White Background



This preview shows how the XYZ color 24.7952, 26.7383, 42.3822 looks on a white background.

Color Contrast Check

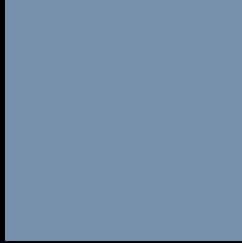
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7952, 26.7383, 42.3822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

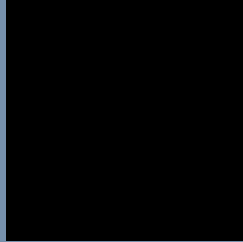
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

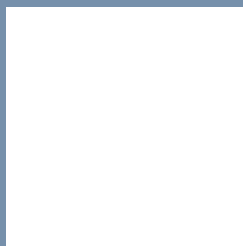
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7952, 26.7383, 42.3822

Background



This preview shows how black text looks on a background with the XYZ color 24.7952, 26.7383, 42.3822.



This preview shows how white text looks on a background with the XYZ color 24.7952, 26.7383,

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

24.7952, 26.7383, 42.3822

Protanopia

26.4376, 26.7342, 40.8126

Deuteranopia

27.1823, 26.6445, 42.7400



Tritanopia

23.5207, 26.6712, 36.2561

Trichromacy



Original Color

24.7952, 26.7383, 42.3822

Protanomaly

25.7396, 26.5815, 41.3102

Deuteranomaly

26.1846, 26.5600, 42.7762

Tritanomaly

23.9387, 26.6081, 38.5245

Monochromacy



Original Color

24.7952, 26.7383, 42.3822

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.4709, 26.1094, 33.0280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7952, 26.7383, 42.3822 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(118, 144, 171)` looks like.

```
.text, #text, p{  
    color:rgb(118, 144, 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(118, 144, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 144, 171) }
```

Border

The CSS property to change the border of an element to XYZ 24.7952, 26.7383, 42.3822 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(118, 144, 171) }
```


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

```
.border{ border-color:rgb(118, 144, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 144, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 144, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 144, 171);  
box-shadow:4px 4px 4px 4px rgb(118, 144,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7952, 26.7383, 42.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 144, 171) }
```

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

```
.background{ background-color: rgb(118,  
144, 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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