

Converting Colors

XYZ(25.7350, 27.1917, 44.2329)

Have a look what the booklet for
XYZ(25.7350, 27.1917, 44.2329)
contains.

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Color

**XYZ(25.7372, 27.1792,
44.4471)**

Conversions

Conversions Part 1

Format	Color
Hex	7A90AF
RGB	122, 144, 175
RGB Percent	48%, 56%, 69%
CMY	0.5216, 0.4353, 0.3137
CMYK	0.30, 0.18, 0.00, 0.31
HSL	215°, 25%, 58%
HSV	215°, 30%, 69%
XYZ	25.7372, 27.1792, 44.4471
YIQ	140.9560, -23.0630, 4.9770

Conversions

Conversions Part 2

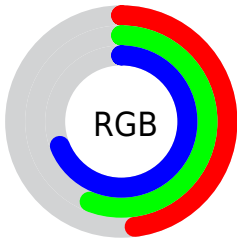
Format	Color
R_{YB}	122, 138, 175
Decimal	8032431
CIE _{Lab}	59.14, -0.40, -18.81
CIE _{LCh}	59, 18.815, 268.779
Yxy	27.1792, 0.2643, 0.2792
Android (android.graphics.Color)	4286222511 (0xFF7A90AF)
YUV	140.9560, 16.7837, -16.6244
Hunter-Lab	52.1337, -3.1126, -14.0547

Details

The XYZ color **25.7372, 27.1792, 44.4471** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **32.5839, 33.3022, 23.1239**, and the grayscale version is **25.2437, 26.5583, 28.9220**.

A 20% lighter version of the original color is **52.5224, 55.3878, 83.5240**, and **10.1141, 10.7501, 19.9543** is the 20% darker color. If you saturate the color by 10%, you get **21.9983, 23.0542, 43.8484**, and if you desaturate by 10%, it is **30.0646, 31.8175, 45.1148**.

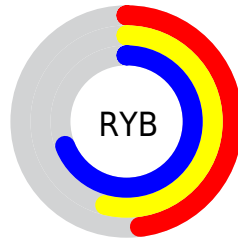
Distribution



Red (48%)

Green (56%)

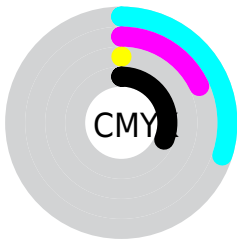
Blue (69%)



Red (48%)

Yellow (54%)

Blue (69%)

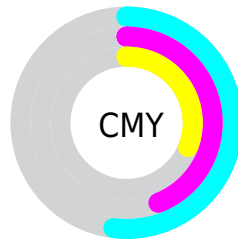


Cyan (30%)

Magenta (18%)

Yellow (0%)

Black (31%)



Cyan (52%)

Magenta (44%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7372, 27.1792, 44.4471 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 25.7372, 27.1792, 44.4471 by changing the saturation by 10% instead.

■ 25.7372, 27.1792,
44.4471

■ 25.7372, 27.1792,
44.4471

273.7700,
288.5237, 380.6243

■ 16.7588, 17.7079,
30.6824

■ 52.2850, 55.1713,
83.1997

■ 10.1569, 10.7404,
20.1007

■ 70.5851, 74.4608,
109.0247

■ 5.5662, 5.8926,
12.2834

■ 92.7232, 97.7919,
139.7069

■ 2.6213, 2.7799,
6.8121

119.0645,
125.5488, 175.6648

■ 0.9568, 1.0179,
3.2682

149.9745,
158.1161, 217.3169

■ 0.0000, 0.0000,
1.2332

185.8185,

■ 0.0000, 0.0000,

195.8781, 265.0819

0.0061

226.9619,
239.2192, 319.3781

■ 0.0000, 0.0000,
0.0000

■ 25.7372, 27.1792,
44.4471

■ 25.7372, 27.1792,
44.4471

■ 21.9983, 23.0542,
43.8484

■ 30.0646, 31.8175,
45.1148

■ 18.8177, 19.4196,
43.3145

■ 35.0037, 36.9845,
45.8518

■ 16.1661, 16.2551,
42.8435

■ 40.5794, 42.6989,
46.6609

■ 14.0104, 13.5377,
42.4326

■ 46.8146, 48.9772,
47.5441

■ 12.3132, 11.2417,
42.0788

■ 53.7309, 55.8356,
48.5034

■ 11.0310, 9.3380,
41.7790

■ 61.3488, 63.2891,
49.5405

■ 10.0971, 7.8136,
41.5339

■ 69.6882, 71.3525,
50.6574

■ 76.1440, 78.6873,
51.7329

■ 79.0092, 84.4177,
52.6880

Harmonies

Analogous

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



23.5689, 27.1792, 42.0465



25.7372, 27.1792, 44.4471



28.0617, 27.1792, 42.3946

Triad

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



25.7372, 27.1792, 44.4471



29.9835, 27.1792, 23.8098



22.1709, 27.1792, 23.4005

Complementary

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



25.7372, 27.1792, 44.4471



32.5839, 33.3022, 23.1239

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.



23.7255, 27.1792, 19.6697



25.7372, 27.1792, 44.4471



28.2377, 27.1792, 19.8797

Square

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



25.7372, 27.1792, 44.4471



30.6007, 27.1792, 29.8691



25.9291, 27.1792, 18.4836



21.5882, 27.1792, 29.3196

Rectangle

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



25.7372, 27.1792, 44.4471



29.3696, 27.1792, 38.9294



25.9291, 27.1792, 18.4836



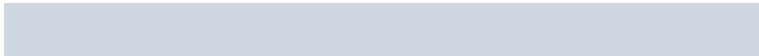
22.5924, 27.1792, 21.8840

Sweetspot

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



25.7381, 27.1803, 44.4477



63.7589, 67.3428, 82.2749



29.0997, 37.0953, 35.7281



13.8701, 14.6564, 18.2423



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.7381, 27.1803, 44.4477



41.7318, 43.8911, 78.9092



23.3640, 21.4825, 43.4731



7.8418, 8.2830, 10.1382



7.2887, 5.7112, 29.7627



0.2576, 0.2685, 0.8462

Inverse Universe

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



29.6735, 25.0476, 29.6573



49.9793, 39.9107, 47.8035



35.5474, 40.6769, 24.3912



8.1380, 8.0684, 9.0373



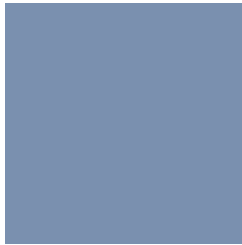
13.5426, 6.8796, 5.2369



0.4044, 0.2024, 0.2913

Previews

White Background



This preview shows how the XYZ color 25.7372, 27.1792, 44.4471 looks on a white background.

Color Contrast Check

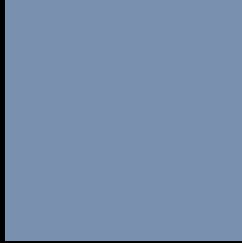
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7372, 27.1792, 44.4471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

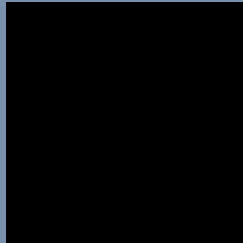
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7372, 27.1792, 44.4471

Background



This preview shows how black text looks on a background with the XYZ color 25.7372, 27.1792, 44.4471.

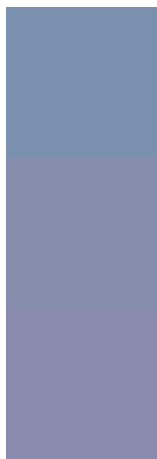


This preview shows how white text looks on a background with the XYZ color 25.7372, 27.1792,

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

25.7372, 27.1792, 44.4471

Protanopia

27.0594, 27.2178, 43.3625

Deuteranopia

27.7166, 27.0888, 44.8421



Tritanopia

24.1629, 27.2222, 36.7818

Trichromacy



Original Color

25.7372, 27.1792, 44.4471

Protanomaly

26.5189, 27.1478, 43.8868

Deuteranomaly

27.0342, 27.1709, 44.8939

Tritanomaly

24.6782, 27.1963, 39.5460

Monochromacy



Original Color

25.7372, 27.1792, 44.4471

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.2543, 26.7142, 33.9623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7372, 27.1792, 44.4471 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, 144, 175)` looks like.

```
.text, #text, p{  
    color:rgb(122, 144, 175)  
}
```

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, 144, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 144, 175) }
```

Border

The CSS property to change the border of an element to XYZ 25.7372, 27.1792, 44.4471 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, 144, 175) }
```


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

```
.border{ border-color:rgb(122, 144, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 144, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 144, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 144, 175);  
box-shadow:4px 4px 4px 4px rgb(122, 144,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7372, 27.1792, 44.4471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 144, 175) }
```

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

```
.background{ background-color: rgb(122,  
144, 175) }
```

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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