

Converting Colors

XYZ(25.7762, 21.5940, 38.8859)

Have a look what the booklet for
XYZ(25.7762, 21.5940, 38.8859)
contains.

XYZ(25.7762, 21.5940, 38.8859)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.7762, 21.5940,
38.8859)**

Conversions

Conversions Part 1

Format	Color
Hex	9773A6
RGB	151, 115, 166
RGB Percent	59%, 45%, 65%
CMY	0.4078, 0.5490, 0.3490
CMYK	0.09, 0.31, 0.00, 0.35
HSL	282°, 22%, 55%
HSV	282°, 31%, 65%
XYZ	25.7762, 21.5940, 38.8859
YIQ	131.5780, 5.0850, 23.4930

Conversions

Conversions Part 2

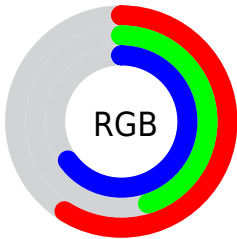
Format	Color
R _Y B	151, 115, 166
Decimal	9925542
CIE _{Lab}	53.59, 23.67, -21.91
CIE _{LCh}	54, 32.252, 317.212
Yxy	21.5940, 0.2988, 0.2503
Android (android.graphics.Color)	4288115622 (0xFF9773A6)
YUV	131.5780, 16.9700, 17.0331
Hunter-Lab	46.4693, 17.6913, -17.0858

Details

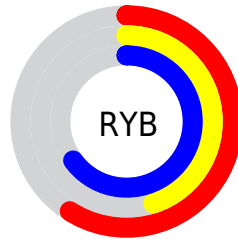
The XYZ color **25.7762, 21.5940, 38.8859** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.9374, 33.2566, 21.2728**, and the grayscale version is **21.7207, 22.8519, 24.8857**.

A 20% lighter version of the original color is **52.3235, 45.9797, 74.5238**, and **10.1311, 7.7640, 16.8842** is the 20% darker color. If you saturate the color by 10%, you get **23.1638, 17.6862, 38.2696**, and if you desaturate by 10%, it is **28.7684, 26.2047, 39.6185**.

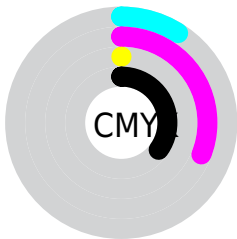
Distribution



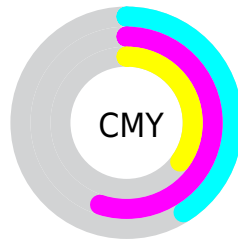
- Red (59%)
- Green (45%)
- Blue (65%)



- Red (59%)
- Yellow (45%)
- Blue (65%)



- Cyan (9%)
- Magenta (31%)
- Yellow (0%)
- Black (35%)



- Cyan (41%)
- Magenta (55%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7762, 21.5940, 38.8859 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 25.7762, 21.5940, 38.8859 by changing the saturation by 10% instead.

■ 25.7762, 21.5940,
38.8859

■ 25.7762, 21.5940,
38.8859

273.9586,
260.4186, 356.8166

■ 16.7881, 13.5589,
26.3638

■ 52.3476, 46.0740,
74.6824

■ 10.1779, 7.8145,
16.8678

■ 70.6615, 63.2878,
98.7939

■ 5.5802, 3.9765,
9.9793

■ 92.8148, 84.3298,
127.6056

■ 2.6298, 1.6604,
5.2798

■ 119.1728,
109.5846, 161.5361

■ 0.9612, 0.3978,
2.3508

150.1008,
139.4364, 201.0040

■ 0.0000, 0.0000,
0.7595

185.9642,

■ 0.0000, 0.0000,

174.2698, 246.4276

0.0000

227.1284,
214.4691, 298.2256

■ 25.7762, 21.5940,
38.8859

■ 25.7762, 21.5940,
38.8859

■ 23.1638, 17.6862,
38.2696

■ 28.7684, 26.2047,
39.6185

■ 20.9103, 14.4417,
37.7622

■ 32.1558, 31.5498,
40.4716

■ 18.9960, 11.8211,
37.3572

■ 35.9551, 37.6618,
41.4511

■ 17.3981, 9.7798,
37.0474

■ 40.1817, 44.5708,
42.5619

■ 16.0910, 8.2670,
36.8243

■ 44.8501, 52.3050,
43.8088

15.0442, 7.2226,
36.6779

49.9740, 60.8914,
45.1960

14.2429, 6.5474,
36.5898

55.5667, 70.3558,
46.7281

61.6405, 80.7225,
48.4089

65.1340, 85.8677,
49.2179

Harmonies

Analogous

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



22.5464, 21.5940, 46.6706



25.7762, 21.5940, 38.8859



27.6809, 21.5940, 27.9635

Triad

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



25.7762, 21.5940, 38.8859



22.0249, 21.5940, 9.4459



14.8280, 21.5940, 29.5805

Complementary

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



25.7762, 21.5940, 38.8859



25.9374, 33.2566, 21.2728

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.



14.7218, 21.5940, 19.5603



25.7762, 21.5940, 38.8859



18.6272, 21.5940, 9.6536

Square

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



25.7762, 21.5940, 38.8859



25.3579, 21.5940, 12.1625



16.0394, 21.5940, 12.8416



16.3479, 21.5940, 40.3512

Rectangle

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



25.7762, 21.5940, 38.8859



27.8177, 21.5940, 21.2114



16.0394, 21.5940, 12.8416



14.6323, 21.5940, 25.9736

Sweetspot

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



25.7769, 21.5949, 38.8864



59.3808, 58.8902, 73.7125



21.9766, 22.4442, 39.2506



13.0808, 12.8472, 16.4425



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.7769, 21.5949, 38.8864



43.4078, 34.1199, 69.7732



27.8411, 22.7629, 34.2906



7.6238, 7.5542, 9.4746



11.0928, 5.1020, 28.3756



0.3172, 0.1485, 0.6926

Inverse Universe

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



25.8866, 21.9811, 23.9985



43.7806, 35.0208, 37.7742



24.4217, 32.4036, 24.4374



7.6185, 7.5773, 8.3083



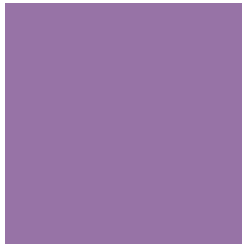
12.6399, 6.4647, 2.9155



0.3296, 0.1661, 0.1870

Previews

White Background



This preview shows how the XYZ color 25.7762, 21.5940, 38.8859 looks on a white background.

Color Contrast Check

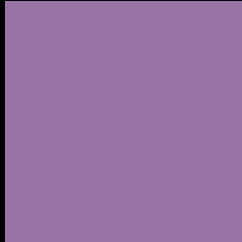
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7762, 21.5940, 38.8859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

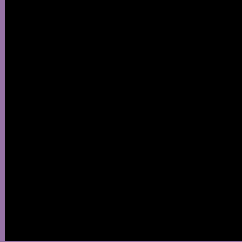
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7762, 21.5940, 38.8859

Background



This preview shows how black text looks on a background with the XYZ color 25.7762, 21.5940, 38.8859.



This preview shows how white text looks on a background with the XYZ color 25.7762, 21.5940,

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

25.7762, 21.5940, 38.8859

Protanopia

22.2667, 21.8513, 43.6016

Deuteranopia

22.1877, 21.7396, 38.1487



Tritanopia

22.9103, 21.6688, 24.4477

Trichromacy



Original Color

25.7762, 21.5940, 38.8859

Protanomaly

23.2817, 21.6565, 41.9828

Deuteranomaly

23.4239, 21.6222, 38.5362

Tritanomaly

23.8436, 21.5032, 29.2794

Monochromacy



Original Color

25.7762, 21.5940, 38.8859

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.1424, 22.4243, 29.4941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7762, 21.5940, 38.8859 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(151, 115, 166)` looks like.

```
.text, #text, p{  
    color:rgb(151, 115, 166)  
}
```

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(151, 115, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 115, 166) }
```

Border

The CSS property to change the border of an element to XYZ 25.7762, 21.5940, 38.8859 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(151, 115, 166) }
```


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

```
.border{ border-color:rgb(151, 115, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 115, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 115, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 115, 166);  
box-shadow:4px 4px 4px 4px rgb(151, 115,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7762, 21.5940, 38.8859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 115, 166) }
```

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

```
.background{ background-color: rgb(151,  
115, 166) }
```

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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