

Converting Colors

XYZ(25.7564, 21.3832, 40.3060)

Have a look what the booklet for
XYZ(25.7564, 21.3832, 40.3060)
contains.

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Color

**XYZ(25.7564, 21.3832,
40.3060)**

Conversions

Conversions Part 1

Format	Color
Hex	9672A9
RGB	150, 114, 169
RGB Percent	59%, 45%, 66%
CMY	0.4118, 0.5529, 0.3373
CMYK	0.11, 0.33, 0.00, 0.34
HSL	279°, 24%, 55%
HSV	279°, 33%, 66%
XYZ	25.7564, 21.3832, 40.3060
YIQ	131.0340, 3.8010, 24.7370

Conversions

Conversions Part 2

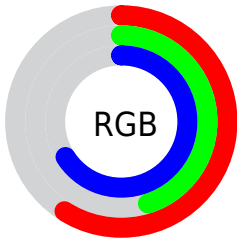
Format	Color
R_{YB}	150, 114, 169
Decimal	9859753
CIE _{Lab}	53.37, 24.57, -24.01
CIE _{LCh}	53, 34.348, 315.659
Yxy	21.3832, 0.2945, 0.2445
Android (android.graphics.Color)	4288049833 (0xFF9672A9)
YUV	131.0340, 18.7172, 16.6332
Hunter-Lab	46.2420, 18.4996, -19.3097

Details

The XYZ color **25.7564, 21.3832, 40.3060** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.8988, 34.5779, 21.1770**, and the grayscale version is **21.5204, 22.6412, 24.6562**.

A 20% lighter version of the original color is **52.2676, 45.6334, 76.5743**, and **10.1382, 7.6616, 17.7741** is the 20% darker color. If you saturate the color by 10%, you get **22.9758, 17.3770, 39.6796**, and if you desaturate by 10%, it is **28.9441, 26.1231, 41.0532**.

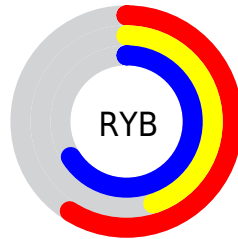
Distribution



Red (59%)

Green (45%)

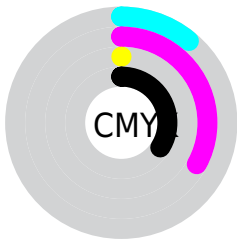
Blue (66%)



Red (59%)

Yellow (45%)

Blue (66%)

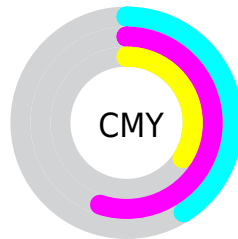


Cyan (11%)

Magenta (33%)

Yellow (0%)

Black (34%)



Cyan (41%)

Magenta (55%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7564, 21.3832, 40.3060 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 25.7564, 21.3832, 40.3060 by changing the saturation by 10% instead.

■ 25.7564, 21.3832,
40.3060

■ 25.7564, 21.3832,
40.3060

273.8629,
259.3080, 363.0020

■ 16.7732, 13.4044,
27.4616

■ 52.3158, 45.7244,
76.8714

■ 10.1672, 7.7076,
17.6847

■ 70.6227, 62.8556,
101.4296

■ 5.5731, 3.9084,
10.5568

■ 92.7683, 83.8064,
130.7293

■ 2.6254, 1.6225,
5.6592

■ 119.1178,
108.9612, 165.1893

■ 0.9589, 0.3727,
2.5736

150.0367,
138.7043, 205.2280

■ 0.0000, 0.0000,
0.8788

185.8903,

■ 0.0000, 0.0000,

173.4203, 251.2640

0.0000

227.0439,
213.4934, 303.7158

■ 25.7564, 21.3832,
40.3060

■ 25.7564, 21.3832,
40.3060

■ 22.9758, 17.3770,
39.6796

■ 28.9441, 26.1231,
41.0532

■ 20.5801, 14.0627,
39.1662

■ 32.5555, 31.6304,
41.9259

■ 18.5478, 11.3981,
38.7590

■ 36.6088, 37.9398,
42.9301

■ 16.8544, 9.3353,
38.4500

■ 41.1204, 45.0830,
44.0711

■ 15.4719, 7.8194,
38.2303

■ 46.1058, 53.0900,
45.3538

■ 14.3669, 6.7853,
38.0890

■ 51.5799, 61.9894,
46.7831

■ 13.6691, 6.2194,
38.0165

■ 57.5566, 71.8083,
48.3633

■ 64.0496, 82.5728,
50.0989

■ 67.4265, 87.0174,
50.7788

Harmonies

Analogous

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



22.2738, 21.3832, 48.4321



25.7564, 21.3832, 40.3060



27.8935, 21.3832, 28.6134

Triad

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



25.7564, 21.3832, 40.3060



22.1089, 21.3832, 8.7539



14.2982, 21.3832, 29.1275

Complementary

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



25.7564, 21.3832, 40.3060



26.8988, 34.5779, 21.1770

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.



14.2652, 21.3832, 18.6589



25.7564, 21.3832, 40.3060



18.4916, 21.3832, 8.8162

Square

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



25.7564, 21.3832, 40.3060



25.6233, 21.3832, 11.6810



15.7149, 21.3832, 11.8881



15.8110, 21.3832, 40.7780

Rectangle

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



25.7564, 21.3832, 40.3060



28.1216, 21.3832, 21.3602



15.7149, 21.3832, 11.8881



14.1203, 21.3832, 25.3171

Sweetspot

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



25.7571, 21.3841, 40.3065



59.9480, 59.1871, 75.4897



22.5235, 23.2864, 40.8441



12.8613, 12.5836, 16.4031



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.



25.7571, 21.3841, 40.3065



42.4933, 33.0333, 71.3615



28.7911, 23.0349, 36.5320



7.5865, 7.5350, 9.4729



10.2466, 4.6657, 28.3360



0.3011, 0.1402, 0.6918

Inverse Universe

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



26.6138, 22.1640, 25.0666



44.4370, 34.7499, 39.1657



24.6565, 33.3652, 23.6352



7.6341, 7.5835, 8.3904



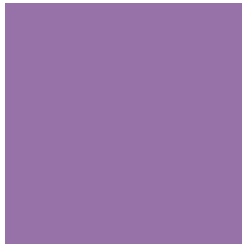
12.7943, 6.5264, 3.7281



0.3353, 0.1684, 0.2172

Previews

White Background



This preview shows how the XYZ color 25.7564, 21.3832, 40.3060 looks on a white background.

Color Contrast Check

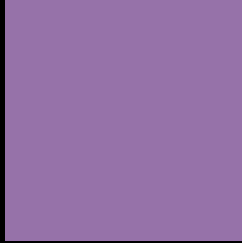
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7564, 21.3832, 40.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

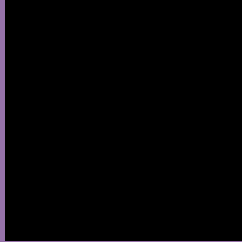
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7564, 21.3832, 40.3060

Background



This preview shows how black text looks on a background with the XYZ color 25.7564, 21.3832, 40.3060.



This preview shows how white text looks on a background with the XYZ color 25.7564, 21.3832,

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

25.7564, 21.3832, 40.3060

Protanopia

22.1788, 21.5808, 45.1160

Deuteranopia

22.0437, 21.6337, 39.5731



Tritanopia

22.5579, 21.4871, 24.4312

Trichromacy



Original Color

25.7564, 21.3832, 40.3060

Protanomaly

23.3016, 21.4498, 43.4695

Deuteranomaly

23.2333, 21.4920, 39.9696

Tritanomaly

23.5617, 21.3490, 29.6670

Monochromacy



Original Color

25.7564, 21.3832, 40.3060

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.9257, 22.1148, 29.8483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7564, 21.3832, 40.3060 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(150, 114, 169)` looks like.

```
.text, #text, p{  
    color:rgb(150, 114, 169)  
}
```

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(150, 114, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 114, 169) }
```

Border

The CSS property to change the border of an element to XYZ 25.7564, 21.3832, 40.3060 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(150, 114, 169) }
```


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

```
.border{ border-color:rgb(150, 114, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 114, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 114, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 114, 169);  
box-shadow:4px 4px 4px 4px rgb(150, 114,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7564, 21.3832, 40.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 114, 169) }
```

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

```
.background{ background-color: rgb(150,  
114, 169) }
```

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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