

Converting Colors

XYZ(25.0977, 21.3603, 41.3282)

Have a look what the booklet for
XYZ(25.0977, 21.3603, 41.3282)
contains.

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Color

**XYZ(25.0977, 21.3603,
41.3282)**

Conversions

Conversions Part 1

Format	Color
Hex	9074AB
RGB	144, 116, 171
RGB Percent	56%, 45%, 67%
CMY	0.4353, 0.5451, 0.3294
CMYK	0.16, 0.32, 0.00, 0.33
HSL	271°, 25%, 56%
HSV	271°, 32%, 67%
XYZ	25.0977, 21.3603, 41.3282
YIQ	130.6420, -0.9670, 23.0410

Conversions

Conversions Part 2

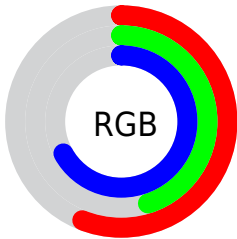
Format	Color
R_{YB}	144, 116, 171
Decimal	9467051
CIE _{Lab}	53.34, 21.89, -25.25
CIE _{LCh}	53, 33.420, 310.919
Yxy	21.3603, 0.2859, 0.2433
Android (android.graphics.Color)	4287657131 (0xFF9074AB)
YUV	130.6420, 19.8965, 11.7150
Hunter-Lab	46.2172, 16.0522, -20.6661

Details

The XYZ color **25.0977, 21.3603, 41.3282** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **29.0435, 36.2268, 21.9855**, and the grayscale version is **21.3781, 22.4914, 24.4931**.

A 20% lighter version of the original color is **51.1565, 45.5571, 78.7702**, and **9.8511, 7.6734, 18.4147** is the 20% darker color. If you saturate the color by 10%, you get **21.8931, 17.0470, 40.6649**, and if you desaturate by 10%, it is **28.7756, 26.4572, 42.1185**.

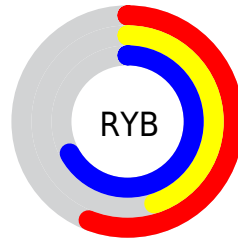
Distribution



Red (56%)

Green (45%)

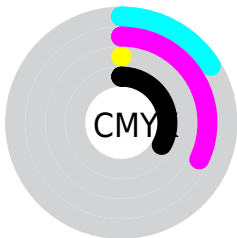
Blue (67%)



Red (56%)

Yellow (45%)

Blue (67%)

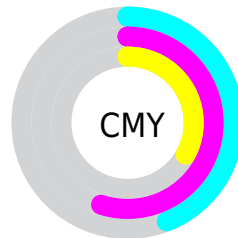


Cyan (16%)

Magenta (32%)

Yellow (0%)

Black (33%)



Cyan (44%)

Magenta (55%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0977, 21.3603, 41.3282 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 25.0977, 21.3603, 41.3282 by changing the saturation by 10% instead.

■ 25.0977, 21.3603,
41.3282

■ 25.0977, 21.3603,
41.3282

270.6628,
259.1871, 367.4076

■ 16.2790, 13.3876,
28.2540

■ 51.2574, 45.6864,
78.4409

■ 9.8139, 7.6960,
18.2765

■ 69.3291, 62.8086,
103.3165

■ 5.3370, 3.9011,
10.9772

■ 91.2159, 83.7495,
132.9630

■ 2.4831, 1.6184,
5.9375

■ 117.2831,
108.8934, 167.7990

■ 0.8868, 0.3699,
2.7390

147.8960,
138.6247, 208.2428

■ 0.0000, 0.0000,
0.9629

183.4200,

■ 0.0000, 0.0000,

173.3278, 254.7132

0.0000

224.2205,
213.3872, 307.6286

■ 25.0977, 21.3603,
41.3282

■ 25.0977, 21.3603,
41.3282

■ 21.8931, 17.0470,
40.6649

■ 28.7756, 26.4572,
42.1185

■ 19.1374, 13.4736,
40.1204

■ 32.9453, 32.3731,
43.0406

■ 16.8069, 10.5960,
39.6878

■ 37.6270, 39.1444,
44.1009

■ 14.8748, 8.3641,
39.3588

■ 42.8389, 46.8043,
45.3047

■ 13.3107, 6.7210,
39.1241

■ 48.5983, 55.3844,
46.6572

■ 12.0787, 5.5990,
38.9725

■ 54.9217, 64.9146,
48.1635

■ 11.2865, 4.9692,
38.8927

■ 61.8249, 75.4237,
49.8281

■ 69.3231, 86.9388,
51.6555

■ 72.4905, 89.6061,
52.0034

Harmonies

Analogous

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



21.6199, 21.3603, 48.1464



25.0977, 21.3603, 41.3282



27.4426, 21.3603, 30.2342

Triad

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



25.0977, 21.3603, 41.3282



22.6110, 21.3603, 9.2658



14.3226, 21.3603, 27.1513

Complementary

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



25.0977, 21.3603, 41.3282



29.0435, 36.2268, 21.9855

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.



14.5223, 21.3603, 17.4466



25.0977, 21.3603, 41.3282



19.0394, 21.3603, 8.8822

Square

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



25.0977, 21.3603, 41.3282



25.8955, 21.3603, 12.6789



16.1603, 21.3603, 11.4135



15.5788, 21.3603, 38.5147

Rectangle

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



25.0977, 21.3603, 41.3282



27.9015, 21.3603, 22.9463



16.1603, 21.3603, 11.4135



14.2258, 21.3603, 23.5720

Sweetspot

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



25.0984, 21.3612, 41.3287



60.5938, 60.2623, 77.4400



24.4515, 26.4494, 42.3449



13.2680, 13.0872, 17.2145



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.



25.0984, 21.3612, 41.3287



40.5522, 32.3143, 73.1018



30.3912, 24.0897, 41.5764



7.9530, 7.9501, 10.0680



8.5692, 3.7775, 29.3220



0.3014, 0.1376, 0.8187

Inverse Universe

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



27.9984, 23.1326, 28.9764



46.8042, 36.1321, 46.5227



24.9184, 34.1003, 21.7925



8.1630, 8.0784, 9.1689



13.8918, 7.0193, 7.0758



0.4142, 0.2064, 0.3428

Previews

White Background



This preview shows how the XYZ color 25.0977, 21.3603, 41.3282 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 25.0977, 21.3603, 41.3282 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 25.0977, 21.3603, 41.3282

Background



This preview shows how black text looks on a background with the XYZ color 25.0977, 21.3603, 41.3282.



This preview shows how white text looks on a background with the XYZ color 25.0977, 21.3603,

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

25.0977, 21.3603, 41.3282

Protanopia

22.1531, 21.5559, 45.6409

Deuteranopia

21.9584, 21.5682, 40.5419



Tritanopia

21.7978, 21.2626, 25.1455

Trichromacy



Original Color

25.0977, 21.3603, 41.3282

Protanomaly

22.9644, 21.2646, 43.9684

Deuteranomaly

22.9676, 21.3334, 40.9374

Tritanomaly

22.7981, 21.1150, 30.4778

Monochromacy



Original Color

25.0977, 21.3603, 41.3282

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.8025, 22.2313, 30.2834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0977, 21.3603, 41.3282 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(144, 116, 171)` looks like.

```
.text, #text, p{  
    color:rgb(144, 116, 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(144, 116, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 116, 171) }
```

Border

The CSS property to change the border of an element to XYZ 25.0977, 21.3603, 41.3282 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(144, 116, 171) }
```


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

```
.border{ border-color:rgb(144, 116, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 116, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 116, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 116, 171);  
box-shadow:4px 4px 4px 4px rgb(144, 116,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0977, 21.3603, 41.3282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 116, 171) }
```

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

```
.background{ background-color: rgb(144,  
116, 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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