

Converting Colors

XYZ(25.3942, 20.7945, 43.4406)

Have a look what the booklet for
XYZ(25.3942, 20.7945, 43.4406)
contains.

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Color

**XYZ(25.3861, 20.7945,
43.2332)**

Conversions

Conversions Part 1

Format	Color
Hex	9270AF
RGB	146, 112, 175
RGB Percent	57%, 44%, 69%
CMY	0.4274, 0.5608, 0.3137
CMYK	0.17, 0.36, 0.00, 0.31
HSL	272°, 28%, 56%
HSV	272°, 36%, 69%
XYZ	25.3861, 20.7945, 43.2332
YIQ	129.3480, 0.0410, 26.8010

Conversions

Conversions Part 2

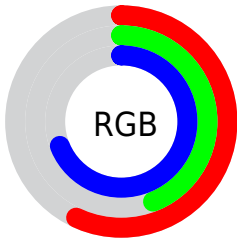
Format	Color
R_{YB}	146, 112, 175
Decimal	9597103
CIE _{Lab}	52.72, 25.78, -28.51
CIE _{LCh}	53, 38.435, 312.117
Yxy	20.7945, 0.2839, 0.2326
Android (android.graphics.Color)	4287787183 (0xFF9270AF)
YUV	129.3480, 22.5064, 14.6038
Hunter-Lab	45.6010, 19.5693, -24.2907

Details

The XYZ color **25.3861, 20.7945, 43.2332** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **29.2398, 37.4930, 21.0259**, and the grayscale version is **20.9124, 22.0014, 23.9596**.

A 20% lighter version of the original color is **51.7867, 44.7379, 81.5071**, and **9.9065, 7.3398, 19.3070** is the 20% darker color. If you saturate the color by 10%, you get **22.2578, 16.5890, 42.5867**, and if you desaturate by 10%, it is **28.9920, 25.8042, 44.0105**.

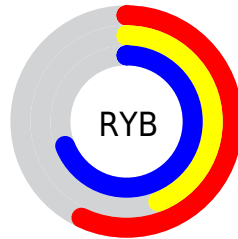
Distribution



Red (57%)

Green (44%)

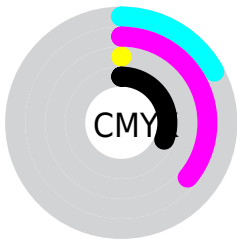
Blue (69%)



Red (57%)

Yellow (44%)

Blue (69%)

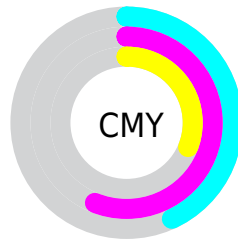


Cyan (17%)

Magenta (36%)

Yellow (0%)

Black (31%)



Cyan (43%)

Magenta (56%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3861, 20.7945, 43.2332 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 25.3861, 20.7945, 43.2332 by changing the saturation by 10% instead.

■ 25.3861, 20.7945,
43.2332

■ 25.3861, 20.7945,
43.2332

272.0676,
256.1844, 375.5193

■ 16.4952, 12.9739,
29.7354

■ 51.7213, 44.7453,
81.3528

■ 9.9683, 7.4106,
19.3875

■ 69.8963, 61.6442,
106.8116

■ 5.4401, 3.7202,
11.7709

■ 91.8967, 82.3380,
137.0945

■ 2.5451, 1.5183,
6.4673

■ 118.0879,
107.2111, 172.6201

■ 0.9180, 0.3015,
3.0579

148.8353,
136.6479, 213.8068

■ 0.0000, 0.0000,
1.1243

184.5041,

■ 0.0000, 0.0000,

171.0328, 261.0732

0.0000

225.4598,
210.7502, 314.8378

■ 25.3861, 20.7945,
43.2332

■ 25.3861, 20.7945,
43.2332

■ 22.2578, 16.5890,
42.5867

■ 28.9920, 25.8042,
44.0105

■ 19.5811, 13.1405,
42.0621

■ 33.0954, 31.6568,
44.9239

■ 17.3305, 10.4006,
41.6519

■ 37.7177, 38.3915,
45.9801

■ 15.4767, 8.3139,
41.3468

■ 42.8782, 46.0440,
47.1852

■ 13.9861, 6.8166,
41.1364

■ 48.5951, 54.6483,
48.5447

■ 12.8152, 5.8254,
41.0068

■ 54.8860, 64.2365,
50.0639

■ 12.3997, 5.4984,
40.9656

■ 61.7674, 74.8392,
51.7477

■ 69.2552, 86.4856,
53.6010

■ 72.5618, 89.5982,
54.0276

Harmonies

Analogous

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



21.4239, 20.7945, 51.7383



25.3861, 20.7945, 43.2332



28.0275, 20.7945, 30.1037

Triad

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



25.3861, 20.7945, 43.2332



22.2223, 20.7945, 7.4800



13.1565, 20.7945, 27.5888

Complementary

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



25.3861, 20.7945, 43.2332



29.2398, 37.4930, 21.0259

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.



13.3098, 20.7945, 16.5275



25.3861, 20.7945, 43.2332



18.1932, 20.7945, 7.2092

Square

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



25.3861, 20.7945, 43.2332



26.0381, 20.7945, 10.8465



15.0409, 20.7945, 9.9151



14.5894, 20.7945, 40.8659

Rectangle

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



25.3861, 20.7945, 43.2332



28.4926, 20.7945, 21.8374



15.0409, 20.7945, 9.9151



13.0302, 20.7945, 23.4655

Sweetspot

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



25.3868, 20.7954, 43.2337



63.1345, 62.2941, 81.3333



24.0047, 25.7086, 44.2549



13.7914, 13.4951, 18.0223



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.



25.3868, 20.7954, 43.2337



41.0542, 31.2877, 76.5122



31.0071, 23.7164, 42.4283



7.9762, 7.9621, 10.0691



8.9514, 3.9745, 29.3399



0.3112, 0.1426, 0.8191

Inverse Universe

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



28.2817, 22.6262, 28.0768



47.2284, 35.1857, 44.4917



25.0557, 35.3224, 21.4477



8.1528, 8.0744, 9.1156



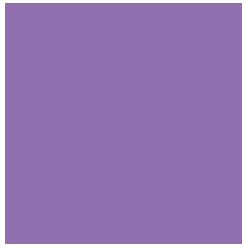
13.7428, 6.9597, 6.2908



0.4101, 0.2047, 0.3214

Previews

White Background



This preview shows how the XYZ color 25.3861, 20.7945, 43.2332 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 25.3861, 20.7945, 43.2332 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 25.3861, 20.7945, 43.2332

Background



This preview shows how black text looks on a background with the XYZ color 25.3861, 20.7945, 43.2332.



This preview shows how white text looks on a background with the XYZ color 25.3861, 20.7945,

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

25.3861, 20.7945, 43.2332

Protanopia

21.9085, 20.9823, 48.7942

Deuteranopia

21.4326, 20.8772, 42.4352



Tritanopia

21.5816, 20.8024, 24.3505

Trichromacy



Original Color

25.3861, 20.7945, 43.2332

Protanomaly

22.9421, 20.8341, 46.5283

Deuteranomaly

22.6686, 20.7740, 42.8594

Tritanomaly

22.9002, 20.8142, 30.4143

Monochromacy



Original Color

25.3861, 20.7945, 43.2332

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.2629, 21.3921, 30.1498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3861, 20.7945, 43.2332 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(146, 112, 175)` looks like.

```
.text, #text, p{  
    color:rgb(146, 112, 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(146, 112, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 112, 175) }
```

Border

The CSS property to change the border of an element to XYZ 25.3861, 20.7945, 43.2332 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(146, 112, 175) }
```


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

```
.border{ border-color:rgb(146, 112, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 112, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 112, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 112, 175);  
box-shadow:4px 4px 4px 4px rgb(146, 112,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3861, 20.7945, 43.2332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 112, 175) }
```

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

```
.background{ background-color: rgb(146,  
112, 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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