

Converting Colors

XYZ(25.4341, 16.3685, 42.3763)

Have a look what the booklet for
XYZ(25.4341, 16.3685, 42.3763)
contains.

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Color

**XYZ(25.4341, 16.3685,
42.3763)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A24FAF |
| RGB | 162, 79, 175 |
| RGB Percent | 64%, 31%, 69% |
| CMY | 0.3647, 0.6902, 0.3137 |
| CMYK | 0.07, 0.55, 0.00, 0.31 |
| HSL | 292°, 38%, 50% |
| HSV | 292°, 55%, 69% |
| XYZ | 25.4341, 16.3685, 42.3763 |
| YIQ | 114.7610, 18.6520, 47.4520 |

Conversions

Conversions Part 2

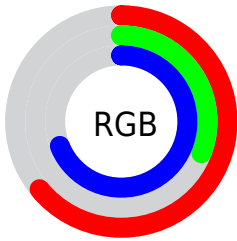
| Format | Color |
|-------------------------------------|--|
| RYB | 162, 79, 175 |
| Decimal | 10637231 |
| CIELab | 47.45, 48.69, -36.62 |
| CIELCh | 47, 60.925, 323.056 |
| Yxy | 16.3685, 0.3021, 0.1944 |
| Android (android.graphics.Color) | 4288827311 (0xFFA24FAF) |
| YUV | 114.7610, 29.6978, 41.4286 |
| Hunter-Lab | 40.4580, 41.4133, -33.7806 |

Details

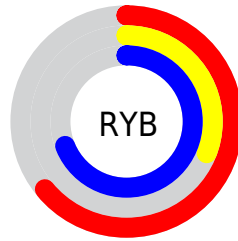
The XYZ color **25.4341, 16.3685, 42.3763** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **21.1554, 33.5001, 12.7491**, and the grayscale version is **16.1331, 16.9733, 18.4839**.

A 20% lighter version of the original color is **51.8885, 37.3321, 80.0723**, and **10.0448, 5.2885, 18.9037** is the 20% darker color. If you saturate the color by 10%, you get **23.8573, 13.9224, 41.9875**, and if you desaturate by 10%, it is **27.3534, 19.4852, 42.8770**.

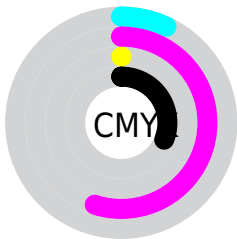
Distribution



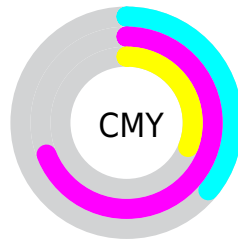
- Red (64%)
- Green (31%)
- Blue (69%)



- Red (64%)
- Yellow (31%)
- Blue (69%)



- Cyan (7%)
- Magenta (55%)
- Yellow (0%)
- Black (31%)





- Cyan (36%)
- Magenta (69%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4341, 16.3685, 42.3763 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 25.4341, 16.3685, 42.3763 by changing the saturation by 10% instead.


 25.4341, 16.3685,
42.3763


 25.4341, 16.3685,
42.3763

272.3009,
231.5064, 371.8861

 16.5312, 9.7853,
29.0683


 51.7984, 37.2368,
80.0451


 9.9941, 5.2568,
18.8865


 69.9906, 52.2906,
105.2429


 5.4573, 2.3987,
11.4123


 92.0099, 70.9368,
135.2410

 2.5555, 0.8252,
6.2272

 118.2217, 93.5597,
170.4581

 0.9233, 0.0000,
2.9127

 148.9913,
120.5437, 211.3126

 0.0000, 0.0000,
1.0502

184.6842,

 0.0000, 0.0000,

152.2732, 258.2231

0.0000

225.6656,
189.1327, 311.6080

■ 25.4341, 16.3685,
42.3763

■ 25.4341, 16.3685,
42.3763

■ 23.8573, 13.9224,
41.9875

■ 27.3534, 19.4852,
42.8770

■ 22.5945, 12.0913,
41.7006

■ 29.6373, 23.3180,
43.4964

■ 21.6154, 10.8143,
41.5058

■ 32.3080, 27.9107,
44.2421

■ 20.8825, 10.0165,
41.3904

■ 35.3854, 33.3033,
45.1208

■ 20.5567, 9.7035,
41.3471

■ 38.8881, 39.5327,
46.1386

■ 42.8335, 46.6336,
47.3013

■ 47.2379, 54.6388,
48.6143

■ 52.1170, 63.5793,
50.0828

■ 57.4855, 73.4846,
51.7118

Harmonies

Analogous

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



19.9950, 16.3685, 61.6550



25.4341, 16.3685, 42.3763



28.3284, 16.3685, 21.6699

Triad

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



25.4341, 16.3685, 42.3763



16.8488, 16.3685, 1.5940



7.8183, 16.3685, 32.2116

Complementary

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



25.4341, 16.3685, 42.3763



21.1554, 33.5001, 12.7491

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.



7.3512, 16.3685, 14.4598



25.4341, 16.3685, 42.3763



11.8310, 16.3685, 2.0662

Square

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



25.4341, 16.3685, 42.3763



22.6804, 16.3685, 3.0456



8.6400, 16.3685, 5.2483



10.1083, 16.3685, 53.7824

Rectangle

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



25.4341, 16.3685, 42.3763



28.0423, 16.3685, 11.9068



8.6400, 16.3685, 5.2483



7.4686, 16.3685, 25.4307

Sweetspot

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



25.4347, 16.3692, 42.3767



62.5444, 58.1820, 80.5707



14.9125, 12.6573, 42.2148



13.6463, 12.4830, 17.8346



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.



25.4347, 16.3692, 42.3767



42.1627, 24.0913, 75.0647



25.3132, 16.6416, 27.2343



8.2288, 8.0923, 10.0810



14.7591, 6.9685, 29.6117



0.4394, 0.2087, 0.8251

Inverse Universe

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



22.4075, 15.4793, 11.9327



36.5066, 22.5248, 13.8422



21.5131, 33.5059, 20.8392



8.0478, 8.0324, 8.5624



12.7903, 6.5787, 1.2750



0.3692, 0.1884, 0.1061

Previews

White Background



This preview shows how the XYZ color 25.4341, 16.3685, 42.3763 looks on a white 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

Black Background



This preview shows how the XYZ color 25.4341, 16.3685, 42.3763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

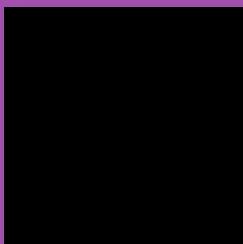
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.4341, 16.3685, 42.3763

Background



This preview shows how black text looks on a background with the XYZ color 25.4341, 16.3685, 42.3763.



This preview shows how white text looks on a background with the XYZ color 25.4341, 16.3685,

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

25.4341, 16.3685, 42.3763

Protanopia

18.7393, 16.6926, 58.7342

Deuteranopia

16.9801, 16.5276, 39.8313



Tritanopia

19.9614, 16.3416, 15.4668

Trichromacy



Original Color

25.4341, 16.3685, 42.3763

Protanomaly

19.5670, 15.5987, 52.4316

Deuteranomaly

18.9781, 15.6995, 40.5581

Tritanomaly

21.3957, 15.9920, 23.0782

Monochromacy



Original Color

25.4341, 16.3685, 42.3763

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.7824, 16.2144, 25.8067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4341, 16.3685, 42.3763 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(162, 79, 175)` looks like.

```
.text, #text, p{  
    color:rgb(162, 79, 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(162, 79, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 79, 175) }
```

Border

The CSS property to change the border of an element to XYZ 25.4341, 16.3685, 42.3763 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(162, 79, 175) }
```


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

```
.border{ border-color:rgb(162, 79, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 79, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 79, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 79, 175);  
box-shadow:4px 4px 4px 4px rgb(162, 79,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4341, 16.3685, 42.3763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 79, 175) }
```

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

```
.background{ background-color: rgb(162, 79,  
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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