

Converting Colors

XYZ(25.7400, 12.9363, 16.2558)

Have a look what the booklet for
XYZ(25.7400, 12.9363, 16.2558)
contains.

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Color

**XYZ(25.6342, 12.8835,
16.1746)**

Conversions

Conversions Part 1

Format	Color
Hex	C4006F
RGB	196, 0, 111
RGB Percent	77%, 0%, 44%
CMY	0.2314, 0.9999, 0.5647
CMYK	0.00, 1.00, 0.43, 0.23
HSL	326°, 100%, 38%
HSV	326°, 100%, 77%
XYZ	25.6342, 12.8835, 16.1746
YIQ	71.2580, 81.1850, 76.0730

Conversions

Conversions Part 2

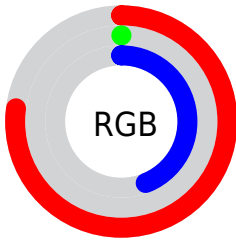
Format	Color
R_{YB}	196, 0, 111
Decimal	12845167
CIE _{Lab}	42.59, 70.51, -4.91
CIE _{LCh}	43, 70.685, 356.017
Yxy	12.8835, 0.4687, 0.2356
Android (android.graphics.Color)	4291035247 (0xFFC4006F)
YUV	71.2580, 19.5928, 109.3987
Hunter-Lab	35.8936, 64.6659, -1.5921

Details

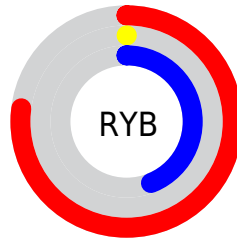
The XYZ color **25.6342, 12.8835, 16.1746** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **21.3815, 40.1365, 15.2223**, and the grayscale version is **5.9945, 6.3067, 6.8680**.

A 20% lighter version of the original color is **51.1786, 30.5599, 37.8516**, and **11.0788, 5.6044, 5.3483** is the 20% darker color. If you saturate the color by 10%, you get **25.6333, 12.8831, 16.1699**, and if you desaturate by 10%, it is **26.3687, 13.5673, 18.8402**.

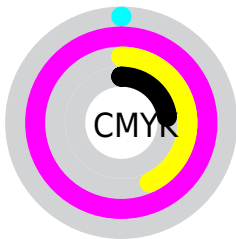
Distribution



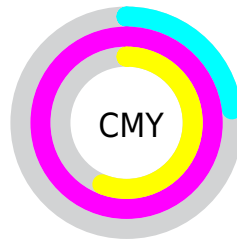
- Red (77%)
- Green (0%)
- Blue (44%)



- Red (77%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (23%)





- Cyan (23%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6342, 12.8835, 16.1746 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 25.6342, 12.8835, 16.1746 by changing the saturation by 10% instead.


 25.6342, 12.8835,
16.1746


 25.6342, 12.8835,
16.1746


273.2715,
210.1697, 242.2506


 16.6814, 7.3484,
9.4921

 52.1197, 31.0943,
37.6721


 10.1015, 3.6809,
4.9624


 70.3832, 44.5388,
53.3241

 5.5291, 1.4967,
2.1668

 92.4810, 61.3886,
72.8030

 2.5988, 0.2864,
0.6551

 118.7784, 82.0279,
96.5275

 0.9454, 0.0000,
0.0000

 149.6408,
106.8413, 124.9159

 0.0000, 0.0000,
0.0000

 185.4335,

136.2132, 158.3869

226.5220,
170.5278, 197.3589

■ 25.6342, 12.8835,
16.1746

■ 25.6342, 12.8835,
16.1746

■ 25.6333, 12.8831,
16.1699

■ 26.3687, 13.5673,
18.8402

■ 27.3947, 14.7610,
21.8285

■ 28.8004, 16.6389,
25.1748

■ 30.6318, 19.2914,
28.8999

■ 32.9279, 22.7948,
33.0219

■ 35.7232, 27.2163,
37.5574

■ 39.0485, 32.6163,
42.5218

■ 42.9324, 39.0499,
47.9293

■ 47.4010, 46.5681,
53.7933

Harmonies

Analogous

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



22.9039, 12.8835, 37.7661



25.6342, 12.8835, 16.1746



24.0054, 12.8835, 4.6698

Triad

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



25.6342, 12.8835, 16.1746



8.2661, 12.8835, 0.6924



7.3502, 12.8835, 55.3568

Complementary

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



25.6342, 12.8835, 16.1746



21.3815, 40.1365, 15.2223

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.



5.1342, 12.8835, 31.3159



25.6342, 12.8835, 16.1746



5.5448, 12.8835, 3.1663

Square

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



25.6342, 12.8835, 16.1746



12.9736, 12.8835, 0.2036



4.5852, 12.8835, 12.0801



11.5449, 12.8835, 68.6859

Rectangle

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



25.6342, 12.8835, 16.1746



20.8642, 12.8835, 1.7168



4.5852, 12.8835, 12.0801



6.4027, 12.8835, 47.6779

Sweetspot

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



25.6346, 12.8843, 16.1748



70.4205, 58.5643, 76.5717



13.7064, 5.9155, 52.6438



14.4993, 11.5990, 15.5480



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



25.6346, 12.8843, 16.1748



46.3041, 23.2856, 28.5972



22.8386, 11.7659, 1.4515



10.3067, 10.1713, 11.7057



16.5144, 8.2955, 10.6209



0.7476, 0.3721, 0.6383

Inverse Universe

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



25.6346, 12.8843, 16.1748



46.3041, 23.2856, 28.5972



28.2809, 42.8962, 51.5539



10.3067, 10.1713, 11.7057



16.5144, 8.2955, 10.6209



0.7476, 0.3721, 0.6383

Previews

White Background



This preview shows how the XYZ color 25.6342, 12.8835, 16.1746 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 25.6342, 12.8835, 16.1746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

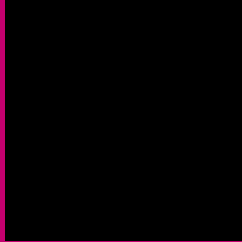
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.6342, 12.8835, 16.1746

Background



This preview shows how black text looks on a background with the XYZ color 25.6342, 12.8835, 16.1746.



This preview shows how white text looks on a background with the XYZ color 25.6342, 12.8835,

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

25.6342, 12.8835, 16.1746

Protanopia

14.4785, 13.6393, 35.1272

Deuteranopia

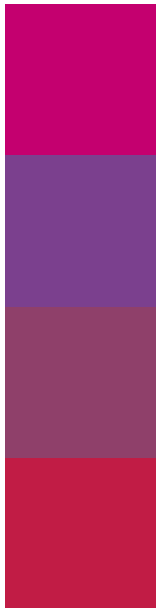
13.8154, 13.6043, 14.7297



Tritanopia

23.1126, 13.1973, 3.8118

Trichromacy



Original Color

25.6342, 12.8835, 16.1746

Protanomaly

14.8843, 9.8307, 26.7042

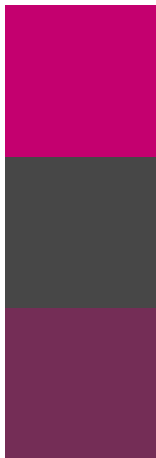
Deuteranomaly

15.7626, 10.5470, 14.8407

Tritanomaly

23.4818, 12.5976, 6.8242

Monochromacy



Original Color

25.6342, 12.8835, 16.1746

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

9.8206, 6.2617, 9.4951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6342, 12.8835, 16.1746 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(196, 0, 111)` looks like.

```
.text, #text, p{  
    color:rgb(196, 0, 111)  
}
```

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(196, 0, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 0, 111) }
```

Border

The CSS property to change the border of an element to XYZ 25.6342, 12.8835, 16.1746 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(196, 0, 111) }
```


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

```
.border{ border-color:rgb(196, 0, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 0, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 0, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 0, 111);  
box-shadow:4px 4px 4px 4px rgb(196, 0,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6342, 12.8835, 16.1746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 0, 111) }
```

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

```
.background{ background-color: rgb(196, 0,  
111) }
```

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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