

Converting Colors

XYZ(25.4290, 12.5150, 28.0312)

Have a look what the booklet for
XYZ(25.4290, 12.5150, 28.0312)
contains.

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Color

**XYZ(25.3605, 12.4834,
27.8610)**

Conversions

Conversions Part 1

Format	Color
Hex	BA0091
RGB	186, 0, 145
RGB Percent	73%, 0%, 57%
CMY	0.2706, 0.9999, 0.4314
CMYK	0.00, 1.00, 0.22, 0.27
HSL	313°, 100%, 36%
HSV	313°, 100%, 73%
XYZ	25.3605, 12.4834, 27.8610
YIQ	72.1440, 64.3110, 84.5270

Conversions

Conversions Part 2

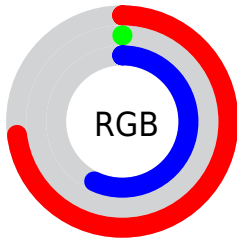
Format	Color
R_{YB}	186, 0, 145
Decimal	12189841
CIE Lab	41.97, 72.00, -27.02
CIE LCh	42, 76.904, 339.433
Yxy	12.4834, 0.3860, 0.1900
Android (android.graphics.Color)	4290379921 (0xFFBA0091)
YUV	72.1440, 35.9180, 99.8517
Hunter-Lab	35.3319, 66.2930, -22.0209

Details

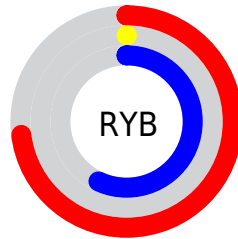
The XYZ color **25.3605, 12.4834, 27.8610** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **17.9600, 35.2784, 7.9631**, and the grayscale version is **6.1194, 6.4381, 7.0110**.

A 20% lighter version of the original color is **51.6426, 30.3719, 57.1733**, and **10.9225, 5.3973, 11.0558** is the 20% darker color. If you saturate the color by 10%, you get **25.3602, 12.4833, 27.8587**, and if you desaturate by 10%, it is **25.9093, 13.0655, 29.6324**.

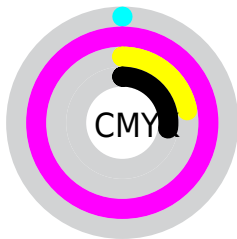
Distribution



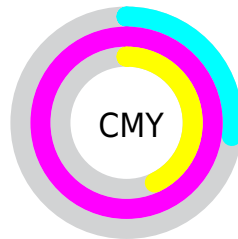
- Red (73%)
- Green (0%)
- Blue (57%)



- Red (73%)
- Yellow (0%)
- Blue (57%)



- Cyan (0%)
- Magenta (100%)
- Yellow (22%)
- Black (27%)





- Cyan (27%)
- Magenta (100%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3605, 12.4834, 27.8610 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 25.3605, 12.4834, 27.8610 by changing the saturation by 10% instead.

 25.3605, 12.4834,
27.8610


 25.3605, 12.4834,
27.8610


271.9432,
207.5798, 305.6931


 16.4760, 7.0738,
17.9828


 51.6801, 30.3725,
57.2829


 9.9546, 3.5083,
10.7683


 69.8460, 43.6208,
77.6636


 5.4309, 1.4025,
5.7991

 91.8364, 60.2508,
102.3822

 2.5396, 0.2186,
2.6565

 118.0166, 80.6468,
131.8574

 0.9153, 0.0000,
0.9214

 148.7520,
105.1934, 166.5075

 0.0000, 0.0000,
0.0000

 184.4080,

134.2748, 206.7511

225.3500,
168.2755, 253.0068

■ 25.3605, 12.4834,
27.8610

■ 25.3605, 12.4834,
27.8610

■ 25.3602, 12.4833,
27.8587

■ 25.9093, 13.0655,
29.6324

■ 26.6848, 14.0830,
31.5362

■ 27.7672, 15.6954,
33.5997

■ 29.1957, 17.9813,
35.8367

■ 31.0039, 21.0075,
38.2587

■ 33.2211, 24.8326,
40.8762

■ 35.8738, 29.5093,
43.6986

■ 38.9861, 35.0858,
46.7343

■ 42.5805, 41.6067,
49.9915

Harmonies

Analogous

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



20.2719, 12.4834, 55.0755



25.3605, 12.4834, 27.8610



26.2843, 12.4834, 9.0715

Triad

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



25.3605, 12.4834, 27.8610



10.1587, 12.4834, 0.0000



5.2560, 12.4834, 44.8444

Complementary

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



25.3605, 12.4834, 27.8610



17.9600, 35.2784, 7.9631

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.



4.0074, 12.4834, 19.4098



25.3605, 12.4834, 27.8610



6.1785, 12.4834, 0.9069

Square

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



25.3605, 12.4834, 27.8610



16.1445, 12.4834, 0.0257



4.2802, 12.4834, 5.2814



8.4178, 12.4834, 69.2051

Rectangle

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



25.3605, 12.4834, 27.8610



24.1914, 12.4834, 3.2696



4.2802, 12.4834, 5.2814



4.6532, 12.4834, 35.5726

Sweetspot

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



25.3609, 12.4841, 27.8612



64.7578, 53.0154, 78.9355



9.7508, 4.0033, 46.7133



13.7941, 10.8487, 16.8971



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.3609, 12.4841, 27.8612



45.8721, 22.5888, 49.9974



20.8862, 10.6942, 4.2977



9.2939, 9.1279, 10.8950



17.0904, 8.4099, 18.8945



0.6238, 0.3050, 0.7783

Inverse Universe

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



25.3609, 12.4841, 27.8612



45.8721, 22.5888, 49.9974



21.8142, 36.8201, 28.2592



9.2939, 9.1279, 10.8950



17.0904, 8.4099, 18.8945



0.6238, 0.3050, 0.7783

Previews

White Background



This preview shows how the XYZ color 25.3605, 12.4834, 27.8610 looks on a white background.

Color Contrast Check

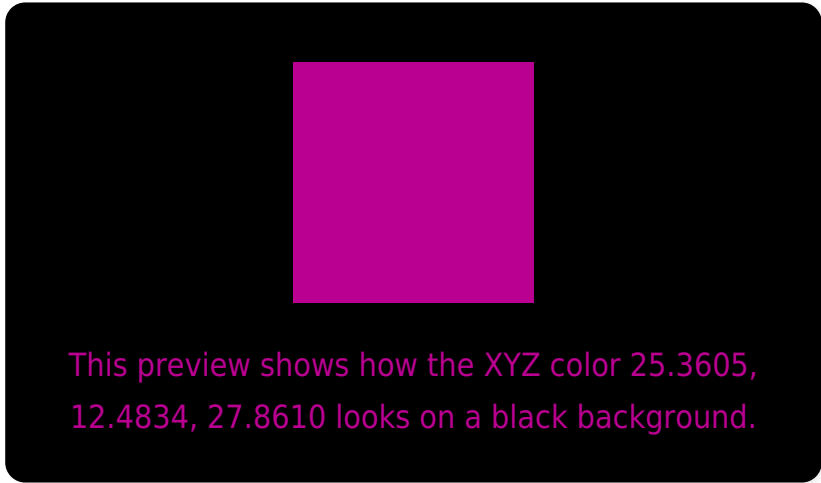
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

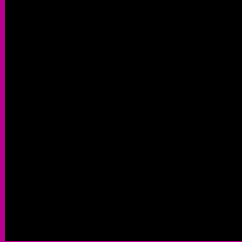
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.3605, 12.4834, 27.8610

Background



This preview shows how black text looks on a background with the XYZ color 25.3605, 12.4834, 27.8610.



This preview shows how white text looks on a background with the XYZ color 25.3605, 12.4834,

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

25.3605, 12.4834, 27.8610

Protanopia

15.8391, 13.3622, 60.1369

Deuteranopia

13.4147, 13.1672, 25.1270



Tritanopia

20.8691, 12.8362, 5.6527

Trichromacy



Original Color

25.3605, 12.4834, 27.8610



Protanomaly

13.8540, 8.6998, 46.2964



Deuteranomaly

15.0978, 9.9665, 25.5541



Tritanomaly

21.8106, 11.9622, 11.0569

Monochromacy



Original Color

25.3605, 12.4834, 27.8610



Achromatopsia

6.1596, 6.4803, 7.0571



Achromatomaly

10.0392, 6.3656, 12.5039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3605, 12.4834, 27.8610 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(186, 0, 145)` looks like.

```
.text, #text, p{  
    color:rgb(186, 0, 145)  
}
```

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(186, 0, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 0, 145) }
```

Border

The CSS property to change the border of an element to XYZ 25.3605, 12.4834, 27.8610 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(186, 0, 145) }
```


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

```
.border{ border-color:rgb(186, 0, 145) }
```

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

Here you see how a box with a 4 pixel rgb(186, 0, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 0, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 0, 145);  
box-shadow:4px 4px 4px 4px rgb(186, 0,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3605, 12.4834, 27.8610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 0, 145) }
```

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

```
.background{ background-color: rgb(186, 0,  
145) }
```

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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