

Converting Colors

XYZ(25.5415, 12.6082, 30.9977)

Have a look what the booklet for
XYZ(25.5415, 12.6082, 30.9977)
contains.

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Color

**XYZ(25.4998, 12.5876,
30.7914)**

Conversions

Conversions Part 1

Format	Color
Hex	B80698
RGB	184, 6, 152
RGB Percent	72%, 2%, 60%
CMY	0.2784, 0.9764, 0.4039
CMYK	0.00, 0.97, 0.17, 0.28
HSL	311°, 94%, 37%
HSV	311°, 97%, 72%
XYZ	25.4998, 12.5876, 30.7914
YIQ	75.8660, 59.2220, 83.1420

Conversions

Conversions Part 2

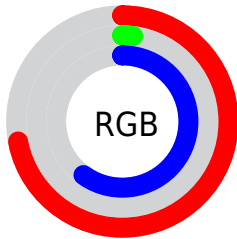
Format	Color
RYB	184, 6, 152
Decimal	12060312
CIELab	42.14, 71.90, -31.04
CIElCh	42, 78.313, 336.647
Yxy	12.5876, 0.3702, 0.1827
Android (android.graphics.Color)	4290250392 (0xFFB80698)
YUV	75.8660, 37.5341, 94.8335
Hunter-Lab	35.4790, 66.2049, -26.6211

Details

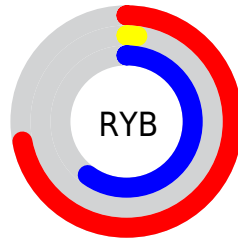
The XYZ color **25.4998, 12.5876, 30.7914** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **17.5663, 34.4603, 7.5616**, and the grayscale version is **6.7738, 7.1266, 7.7608**.

A 20% lighter version of the original color is **51.9789, 30.5545, 62.1895**, and **10.9531, 5.3752, 12.7721** is the 20% darker color. If you saturate the color by 10%, you get **25.3465, 12.4221, 30.3045**, and if you desaturate by 10%, it is **26.0452, 13.2383, 32.3289**.

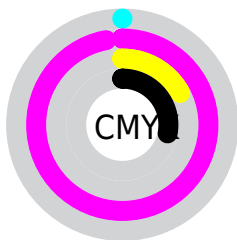
Distribution



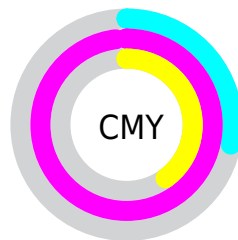
- Red (72%)
- Green (2%)
- Blue (60%)



- Red (72%)
- Yellow (2%)
- Blue (60%)



- Cyan (0%)
- Magenta (97%)
- Yellow (17%)
- Black (28%)





- Cyan (28%)
- Magenta (98%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4998, 12.5876, 30.7914 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 25.4998, 12.5876, 30.7914 by changing the saturation by 10% instead.

 25.4998, 12.5876,
30.7914


 25.4998, 12.5876,
30.7914


272.6199,
208.2575, 319.8975


 16.5805, 7.1452,
20.1829


 51.9040, 30.5609,
61.9872


 10.0293, 3.5531,
12.3427


 70.1196, 43.8605,
83.4117


 5.4808, 1.4268,
6.8521


 92.1647, 60.5480,
109.2785

 2.5697, 0.2364,
3.2928

 118.4046, 81.0078,
140.0063

 0.9305, 0.0000,
1.2460

 149.2047,
105.6243, 176.0135

 0.0000, 0.0000,
0.0169

 184.9304,

 0.0000, 0.0000,

134.7818, 217.7188

0.0000

225.9470,
168.8647, 265.5406

■ 25.4998, 12.5876,
30.7914

■ 25.4998, 12.5876,
30.7914

■ 25.3465, 12.4221,
30.3045

■ 26.0452, 13.2383,
32.3289

■ 26.8497, 14.3955,
33.9904

■ 27.9631, 16.1581,
35.7927

■ 29.4215, 18.5983,
37.7481

■ 31.2560, 21.7781,
39.8674

■ 33.4940, 25.7526,
42.1599

■ 36.1606, 30.5714,
44.6344

■ 39.2786, 36.2803,
47.2985

■ 42.8692, 42.9217,
50.1598

Harmonies

Analogous

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



19.9860, 12.5876, 59.0147



25.4998, 12.5876, 30.7914



26.9225, 12.5876, 10.3135

Triad

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



25.4998, 12.5876, 30.7914



10.7122, 12.5876, 0.0000



5.0323, 12.5876, 43.2128

Complementary

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



25.4998, 12.5876, 30.7914



17.5663, 34.4603, 7.5616

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.



3.9231, 12.5876, 17.7705



25.4998, 12.5876, 30.7914



6.4401, 12.5876, 0.6861

Square

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



25.4998, 12.5876, 30.7914



16.9842, 12.5876, 0.0524



4.3381, 12.5876, 4.5081



8.0457, 12.5876, 69.4133

Rectangle

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



25.4998, 12.5876, 30.7914



25.0512, 12.5876, 3.7569



4.3381, 12.5876, 4.5081



4.4781, 12.5876, 33.7518

Sweetspot

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



25.5002, 12.5882, 30.7916



64.1362, 52.8496, 79.6395



9.4339, 3.9610, 45.6151



13.3842, 10.5940, 16.7586



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.5002, 12.5882, 30.7916



45.8658, 22.4858, 54.5068



20.7971, 10.7070, 6.0250



9.3098, 9.1343, 10.9786



17.4922, 8.5706, 21.0103



0.6350, 0.3095, 0.8372

Inverse Universe

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



25.5002, 12.5882, 30.7916



45.8658, 22.4858, 54.5068



20.8970, 35.7925, 25.1009



9.3098, 9.1343, 10.9786



17.4922, 8.5706, 21.0103



0.6350, 0.3095, 0.8372

Previews

White Background



This preview shows how the XYZ color 25.4998, 12.5876, 30.7914 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 25.4998, 12.5876, 30.7914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

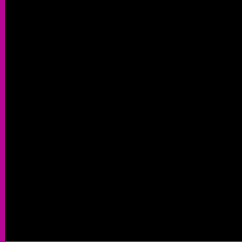
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.4998, 12.5876, 30.7914

Background



This preview shows how black text looks on a background with the XYZ color 25.4998, 12.5876, 30.7914.



This preview shows how white text looks on a background with the XYZ color 25.4998, 12.5876,

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

25.4998, 12.5876, 30.7914

Protanopia

15.7528, 13.2894, 61.4094

Deuteranopia

13.4456, 13.1237, 27.8111



Tritanopia

20.4176, 12.8207, 6.1011

Trichromacy



Original Color

25.4998, 12.5876, 30.7914



Protanomaly

13.2821, 8.6047, 48.5378



Deuteranomaly

15.1626, 10.1093, 28.3463



Tritanomaly

21.4148, 11.9275, 12.0000

Monochromacy



Original Color

25.4998, 12.5876, 30.7914



Achromatopsia

6.8694, 7.2272, 7.8704



Achromatomaly

10.7527, 7.0120, 13.8834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4998, 12.5876, 30.7914 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(184, 6, 152)` looks like.

```
.text, #text, p{  
    color:rgb(184, 6, 152)  
}
```

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(184, 6, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 6, 152) }
```

Border

The CSS property to change the border of an element to XYZ 25.4998, 12.5876, 30.7914 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(184, 6, 152) }
```


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

```
.border{ border-color:rgb(184, 6, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 6, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 6, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 6, 152);  
box-shadow:4px 4px 4px 4px rgb(184, 6,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4998, 12.5876, 30.7914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 6, 152) }
```

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

```
.background{ background-color: rgb(184, 6,  
152) }
```

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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