

Converting Colors

XYZ(25.0013, 12.5647, 15.8065)

Have a look what the booklet for
XYZ(25.0013, 12.5647, 15.8065)
contains.

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Color

**XYZ(25.0626, 12.5951,
15.8620)**

Conversions

Conversions Part 1

Format	Color
Hex	C2006E
RGB	194, 0, 110
RGB Percent	76%, 0%, 43%
CMY	0.2392, 0.9999, 0.5686
CMYK	0.00, 1.00, 0.43, 0.24
HSL	326°, 100%, 38%
HSV	326°, 100%, 76%
XYZ	25.0626, 12.5951, 15.8620
YIQ	70.5460, 80.3140, 75.3380

Conversions

Conversions Part 2

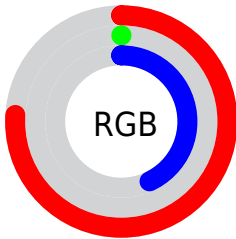
Format	Color
RYB	194, 0, 110
Decimal	12714094
CIELab	42.15, 69.99, -4.98
CIELCh	42, 70.171, 355.928
Yxy	12.5951, 0.4683, 0.2353
Android (android.graphics.Color)	4290904174 (0xFFC2006E)
YUV	70.5460, 19.4508, 108.2692
Hunter-Lab	35.4896, 63.9492, -1.6569

Details

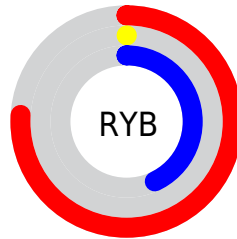
The XYZ color **25.0626, 12.5951, 15.8620** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **20.8937, 39.2243, 14.8641**, and the grayscale version is **5.8747, 6.1807, 6.7307**.

A 20% lighter version of the original color is **51.0008, 30.4888, 36.9151**, and **10.7287, 5.4272, 5.1847** is the 20% darker color. If you saturate the color by 10%, you get **25.0618, 12.5948, 15.8579**, and if you desaturate by 10%, it is **25.7823, 13.2674, 18.4669**.

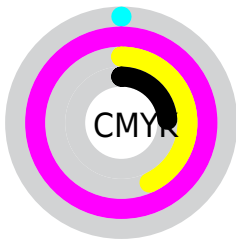
Distribution



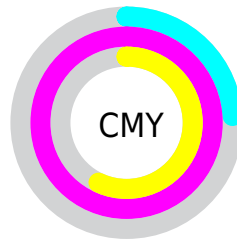
- Red (76%)
- Green (0%)
- Blue (43%)



- Red (76%)
- Yellow (0%)
- Blue (43%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (24%)



- Cyan (24%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0626, 12.5951, 15.8620 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 25.0626, 12.5951, 15.8620 by changing the saturation by 10% instead.

■ 25.0626, 12.5951,
15.8620

■ 25.0626, 12.5951,
15.8620

270.4914,
208.3062, 240.3439

■ 16.2527, 7.1503,
9.2733

■ 51.2009, 30.5744,
37.1219

■ 9.7951, 3.5563,
4.8206

■ 69.2600, 43.8778,
52.6302

■ 5.3245, 1.4286,
2.0855

■ 91.1329, 60.5694,
71.9487

■ 2.4756, 0.2377,
0.6071

■ 117.1849, 81.0338,
95.4960

■ 0.8830, 0.0000,
0.0000

■ 147.7814,
105.6552, 123.6906

■ 0.0000, 0.0000,
0.0000

■ 183.2878,

134.8182, 156.9511

224.0693,
168.9070, 195.6960

■ 25.0626, 12.5951,
15.8620

■ 25.0626, 12.5951,
15.8620

■ 25.0618, 12.5948,
15.8579

■ 25.7823, 13.2674,
18.4669

■ 26.7861, 14.4366,
21.3862

■ 28.1605, 16.2740,
24.6542

■ 29.9505, 18.8677,
28.2912

■ 32.1940, 22.2921,
32.3149

■ 34.9245, 26.6126,
36.7415

■ 38.1724, 31.8881,
41.5858

■ 41.9652, 38.1725,
46.8618

■ 46.3286, 45.5154,
52.5825

Harmonies

Analogous

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



22.3811, 12.5951, 36.9998



25.0626, 12.5951, 15.8620



23.4822, 12.5951, 4.5831

Triad

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



25.0626, 12.5951, 15.8620



8.0910, 12.5951, 0.6683



7.1755, 12.5951, 54.0700

Complementary

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



25.0626, 12.5951, 15.8620



20.8937, 39.2243, 14.8641

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.



5.0142, 12.5951, 30.5517



25.0626, 12.5951, 15.8620



5.4246, 12.5951, 3.0803

Square

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



25.0626, 12.5951, 15.8620



12.6995, 12.5951, 0.1869



4.4819, 12.5951, 11.7691



11.2714, 12.5951, 67.1596

Rectangle

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



25.0626, 12.5951, 15.8620



20.4155, 12.5951, 1.6847



4.4819, 12.5951, 11.7691



6.2510, 12.5951, 46.5521

Sweetspot

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



25.0630, 12.5958, 15.8622



68.8462, 57.2603, 74.8925



13.1187, 5.6386, 51.4358



14.5010, 11.5996, 15.5569



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.



25.0630, 12.5958, 15.8622



45.2753, 22.7665, 28.0437



22.3435, 11.5080, 1.5416



10.3070, 10.1714, 11.7073



16.5192, 8.2974, 10.6462



0.7478, 0.3721, 0.6393

Inverse Universe

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



25.0630, 12.5958, 15.8622



45.2753, 22.7665, 28.0437



27.3116, 41.7915, 48.6603



10.3070, 10.1714, 11.7073



16.5192, 8.2974, 10.6462



0.7478, 0.3721, 0.6393

Previews

White Background



This preview shows how the XYZ color 25.0626, 12.5951, 15.8620 looks on a white background.

Color Contrast Check

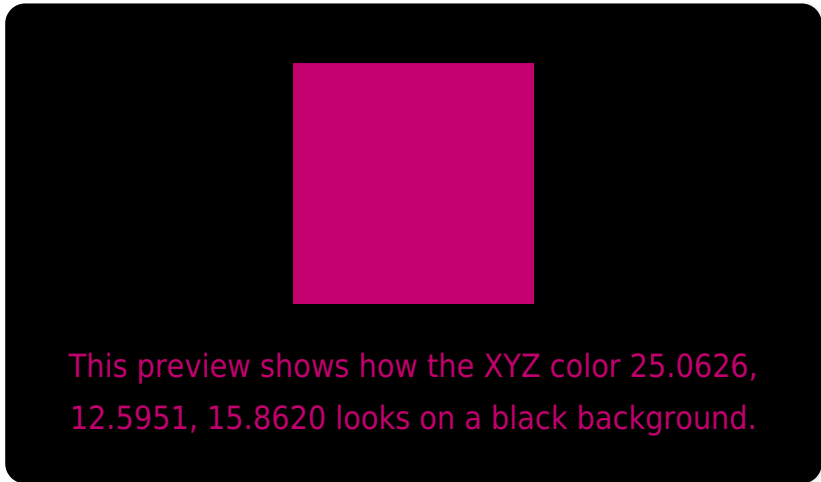
Large Text (above 18pt) WCAG AA ✓ Pass

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

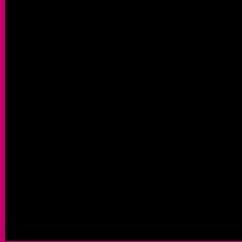
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.0626, 12.5951, 15.8620

Background



This preview shows how black text looks on a background with the XYZ color 25.0626, 12.5951, 15.8620.



This preview shows how white text looks on a background with the XYZ color 25.0626, 12.5951,

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

25.0626, 12.5951, 15.8620

Protanopia

14.1221, 13.3323, 34.1768

Deuteranopia

13.5422, 13.3277, 14.4291



Tritanopia

22.5905, 12.9304, 3.6880

Trichromacy



Original Color

25.0626, 12.5951, 15.8620



Protanomaly

14.6672, 9.7275, 26.3038



Deuteranomaly

15.4826, 10.3257, 14.5416



Tritanomaly

22.9445, 12.3242, 6.6383

Monochromacy



Original Color

25.0626, 12.5951, 15.8620



Achromatopsia

5.9891, 6.3010, 6.8618



Achromatomaly

9.7805, 6.2457, 9.2844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0626, 12.5951, 15.8620 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(194, 0, 110)` looks like.

```
.text, #text, p{  
    color:rgb(194, 0, 110)  
}
```

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(194, 0, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 0, 110) }
```

Border

The CSS property to change the border of an element to XYZ 25.0626, 12.5951, 15.8620 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(194, 0, 110) }
```


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

```
.border{ border-color:rgb(194, 0, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 0, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 0, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 0, 110);  
box-shadow:4px 4px 4px 4px rgb(194, 0,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0626, 12.5951, 15.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 0, 110) }
```

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

```
.background{ background-color: rgb(194, 0,  
110) }
```

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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