

Converting Colors

XYZ(24.4708, 12.7996, 26.1390)

Have a look what the booklet for
XYZ(24.4708, 12.7996, 26.1390)
contains.

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Color

**XYZ(24.5150, 12.8185,
25.9931)**

Conversions

Conversions Part 1

Format	Color
Hex	B61F8C
RGB	182, 31, 140
RGB Percent	71%, 12%, 55%
CMY	0.2863, 0.8784, 0.4510
CMYK	0.00, 0.83, 0.23, 0.29
HSL	317°, 71%, 42%
HSV	317°, 83%, 71%
XYZ	24.5150, 12.8185, 25.9931
YIQ	88.5750, 55.0070, 65.9110

Conversions

Conversions Part 2

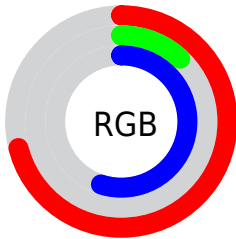
Format	Color
R _Y B	182, 31, 140
Decimal	11935628
CIE _{Lab}	42.49, 66.17, -23.23
CIE _{LCh}	42, 70.127, 340.658
Yxy	12.8185, 0.3871, 0.2024
Android (android.graphics.Color)	4290125708 (0xFFB61F8C)
YUV	88.5750, 25.3525, 81.9337
Hunter-Lab	35.8029, 59.5675, -17.9828

Details

The XYZ color **24.5150, 12.8185, 25.9931** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **18.4964, 34.2287, 11.9373**, and the grayscale version is **9.3406, 9.8271, 10.7017**.

A 20% lighter version of the original color is **50.5384, 31.1380, 54.3855**, and **10.1576, 5.0233, 10.1071** is the 20% darker color. If you saturate the color by 10%, you get **23.8018, 11.9757, 23.9557**, and if you desaturate by 10%, it is **25.5144, 14.2058, 28.2108**.

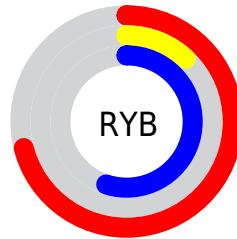
Distribution



Red (71%)

Green (12%)

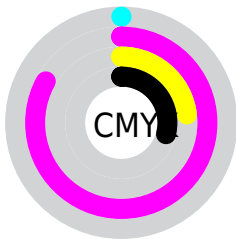
Blue (55%)



Red (71%)

Yellow (12%)

Blue (55%)

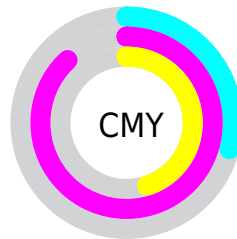


Cyan (0%)

Magenta (83%)

Yellow (23%)

Black (29%)



Cyan (29%)


Magenta (88%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5150, 12.8185, 25.9931 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 24.5150, 12.8185, 25.9931 by changing the saturation by 10% instead.


 24.5150, 12.8185,
25.9931


 24.5150, 12.8185,
25.9931


267.8063,
209.7512, 296.3526


 15.8429, 7.3037,
16.5928


 50.3179, 30.9773,
54.2478

 9.5032, 3.6527,
9.7857


 68.1794, 44.3901,
73.9392


 5.1305, 1.4813,
5.1534

 89.8347, 61.2044,
97.8980

 2.3596, 0.2755,
2.2772

 115.6492, 81.8045,
126.5428

 0.8249, 0.0000,
0.7184

 145.9883,
106.5748, 160.2921

 0.0000, 0.0000,
0.0000

 181.2173,

135.8998, 199.5645

221.7015,
170.1638, 244.7785

■ 24.5150, 12.8185,
25.9931

■ 24.5150, 12.8185,
25.9931

■ 23.8018, 11.9757,
23.9557

■ 25.5144, 14.2058,
28.2108

■ 23.4136, 11.5940,
22.6097

■ 26.8384, 16.2146,
30.6224

■ 28.5206, 18.9118,
33.2405

■ 30.5900, 22.3548,
36.0755

■ 33.0726, 26.5952,
39.1374

■ 35.9919, 31.6798,
42.4349

■ 39.3698, 37.6521,
45.9763

■ 43.2265, 44.5521,
49.7695

■ 47.5811, 52.4178,
53.8216

Harmonies

Analogous

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



20.0809, 12.8185, 49.7487



24.5150, 12.8185, 25.9931



25.1556, 12.8185, 9.2349

Triad

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



24.5150, 12.8185, 25.9931



10.3983, 12.8185, 0.3034



5.9838, 12.8185, 42.8225

Complementary

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



24.5150, 12.8185, 25.9931



18.4964, 34.2287, 11.9373

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.



4.6744, 12.8185, 20.0646



24.5150, 12.8185, 25.9931



6.6873, 12.8185, 1.4719

Square

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



24.5150, 12.8185, 25.9931



15.8708, 12.8185, 0.4955



4.8879, 12.8185, 6.3638



9.1169, 12.8185, 63.4020

Rectangle

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



24.5150, 12.8185, 25.9931



23.1893, 12.8185, 3.7523



4.8879, 12.8185, 6.3638



5.3634, 12.8185, 34.6918

Sweetspot

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



24.5154, 12.8192, 25.9933



63.8738, 55.0187, 75.4213



11.5526, 5.7080, 44.7490



13.6933, 11.4292, 16.1930



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.



24.5154, 12.8192, 25.9933



42.3433, 20.9776, 40.4369



20.7723, 11.3219, 6.2823



9.2715, 9.1190, 10.7770



16.5637, 8.1992, 16.1211



0.6087, 0.2990, 0.6991

Inverse Universe

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



24.5154, 12.8192, 25.9933



42.3433, 20.9776, 40.4369



22.5418, 35.8469, 33.2401



9.2715, 9.1190, 10.7770



16.5637, 8.1992, 16.1211



0.6087, 0.2990, 0.6991

Previews

White Background



This preview shows how the XYZ color 24.5150, 12.8185, 25.9931 looks on a white background.

Color Contrast Check

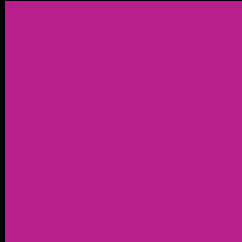
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5150, 12.8185, 25.9931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

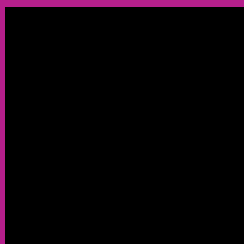
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.5150, 12.8185, 25.9931

Background



This preview shows how black text looks on a background with the XYZ color 24.5150, 12.8185, 25.9931.



This preview shows how white text looks on a background with the XYZ color 24.5150, 12.8185,

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

24.5150, 12.8185, 25.9931

Protanopia

15.2474, 13.2449, 51.6221

Deuteranopia

13.4413, 13.2132, 23.6718



Tritanopia

20.4987, 12.9378, 6.2673

Trichromacy



Original Color

24.5150, 12.8185, 25.9931



Protanomaly

15.1372, 10.5673, 40.7770



Deuteranomaly

15.6416, 11.2934, 24.2771



Tritanomaly

21.4325, 12.5189, 11.4120

Monochromacy



Original Color

24.5150, 12.8185, 25.9931



Achromatopsia

9.4954, 9.9899, 10.8790



Achromatomaly

12.9423, 9.4279, 15.3250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5150, 12.8185, 25.9931 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(182, 31, 140)` looks like.

```
.text, #text, p{  
    color:rgb(182, 31, 140)  
}
```

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(182, 31, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 31, 140) }
```

Border

The CSS property to change the border of an element to XYZ 24.5150, 12.8185, 25.9931 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(182, 31, 140) }
```


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

```
.border{ border-color:rgb(182, 31, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 31, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 31, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 31, 140);  
box-shadow:4px 4px 4px 4px rgb(182, 31,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5150, 12.8185, 25.9931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 31, 140) }
```

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

```
.background{ background-color: rgb(182, 31,  
140) }
```

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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