

Converting Colors

XYZ(24.1144, 12.7557, 21.2698)

Have a look what the booklet for
XYZ(24.1144, 12.7557, 21.2698)
contains.

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Color

**XYZ(24.1144, 12.7557,
21.2698)**

Conversions

Conversions Part 1

Format	Color
Hex	B8207F
RGB	184, 32, 127
RGB Percent	72%, 13%, 50%
CMY	0.2784, 0.8745, 0.5020
CMYK	0.00, 0.83, 0.31, 0.28
HSL	323°, 70%, 42%
HSV	323°, 83%, 72%
XYZ	24.1144, 12.7557, 21.2698
YIQ	88.2780, 60.0970, 61.7690

Conversions

Conversions Part 2

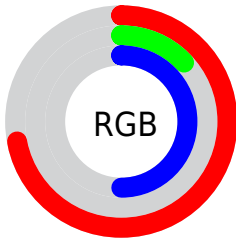
Format	Color
RYB	184, 32, 127
Decimal	12066943
CIELab	42.39, 64.84, -15.37
CIElCh	42, 66.634, 346.665
Yxy	12.7557, 0.4148, 0.2194
Android (android.graphics.Color)	4290257023 (0xFFB8207F)
YUV	88.2780, 19.0899, 83.9482
Hunter-Lab	35.7151, 58.0195, -10.3090

Details

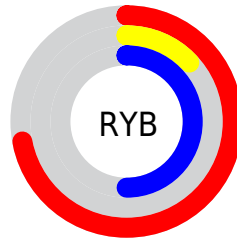
The XYZ color **24.1144, 12.7557, 21.2698** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **19.5403, 35.3097, 15.2396**, and the grayscale version is **9.2883, 9.7720, 10.6417**.

A 20% lighter version of the original color is **49.7293, 30.8941, 46.5222**, and **9.9793, 4.9857, 7.6441** is the 20% darker color. If you saturate the color by 10%, you get **23.3152, 11.8526, 18.8600**, and if you desaturate by 10%, it is **25.2217, 14.2255, 23.9345**.

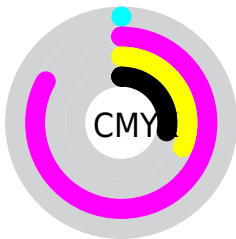
Distribution



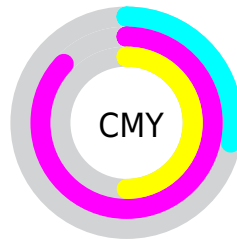
- Red (72%)
- Green (13%)
- Blue (50%)



- Red (72%)
- Yellow (13%)
- Blue (50%)



- Cyan (0%)
- Magenta (83%)
- Yellow (31%)
- Black (28%)





- Cyan (28%)
- Magenta (87%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1144, 12.7557, 21.2698 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 24.1144, 12.7557, 21.2698 by changing the saturation by 10% instead.


 24.1144, 12.7557,
21.2698


 24.1144, 12.7557,
21.2698


265.8281,
209.3460, 271.5369


 15.5437, 7.2605,
13.1282


 49.6701, 30.8642,
46.4227


 9.2906, 3.6256,
7.3851


 67.3859, 44.2463,
64.2711


 4.9899, 1.4664,
3.6220

 88.8807, 61.0262,
86.1922

 2.2760, 0.2649,
1.4204

 114.5199, 81.5882,
112.6046

 0.7823, 0.0000,
0.1575

 144.6689,
106.3168, 143.9266

 0.0000, 0.0000,
0.0000

 179.6930,

135.5964, 180.5770

219.9576,
169.8113, 222.9742

■ 24.1144, 12.7557,
21.2698

■ 24.1144, 12.7557,
21.2698

■ 23.3152, 11.8526,
18.8600

■ 25.2217, 14.2255,
23.9345

■ 22.8613, 11.4280,
17.2188

■ 26.6767, 16.3408,
26.8700

■ 28.5144, 19.1700,
30.0908

■ 30.7645, 22.7721,
33.6096

■ 33.4540, 27.2000,
37.4382

■ 36.6073, 32.5018,
41.5873

■ 40.2472, 38.7220,
46.0671

■ 44.3947, 45.9020,
50.8871

■ 49.0697, 54.0806,
56.0564

Harmonies

Analogous

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



20.5630, 12.7557, 42.7117



24.1144, 12.7557, 21.2698



23.8861, 12.7557, 7.3864

Triad

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



24.1144, 12.7557, 21.2698



9.5669, 12.7557, 0.6471



6.6436, 12.7557, 45.1529

Complementary

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



24.1144, 12.7557, 21.2698



19.5403, 35.3097, 15.2396

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.



5.0410, 12.7557, 23.3932



24.1144, 12.7557, 21.2698



6.3822, 12.7557, 2.2581

Square

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



24.1144, 12.7557, 21.2698



14.4832, 12.7557, 0.5770



4.9607, 12.7557, 8.4497



10.0358, 12.7557, 61.7137

Rectangle

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



24.1144, 12.7557, 21.2698



21.6043, 12.7557, 3.0723



4.9607, 12.7557, 8.4497



5.9241, 12.7557, 37.7217

Sweetspot

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



24.1148, 12.7564, 21.2700



64.6631, 56.0461, 73.2099



13.1687, 6.5566, 45.9188



13.5077, 11.3549, 15.2154



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.



24.1148, 12.7564, 21.2700



41.4213, 20.7496, 30.9743



20.9101, 11.4745, 4.3945



9.2342, 9.1041, 10.5809



15.7910, 7.8902, 12.0523



0.5856, 0.2897, 0.5774

Inverse Universe

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



24.1148, 12.7564, 21.2700



41.4213, 20.7496, 30.9743



24.4135, 37.2590, 40.9016



9.2342, 9.1041, 10.5809



15.7910, 7.8902, 12.0523



0.5856, 0.2897, 0.5774

Previews

White Background



This preview shows how the XYZ color 24.1144, 12.7557, 21.2698 looks on a white background.

Color Contrast Check

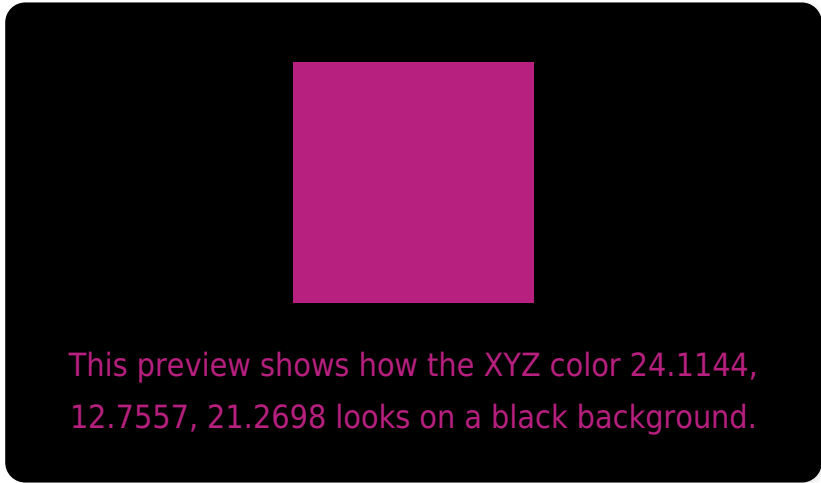
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1144, 12.7557, 21.2698

Background



This preview shows how black text looks on a background with the XYZ color 24.1144, 12.7557, 21.2698.



This preview shows how white text looks on a background with the XYZ color 24.1144, 12.7557,

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

24.1144, 12.7557, 21.2698

Protanopia

14.4857, 13.2086, 41.8304

Deuteranopia

13.2711, 13.0804, 19.2781



Tritanopia

20.8691, 12.8362, 5.6527

Trichromacy



Original Color

24.1144, 12.7557, 21.2698

Protanomaly

15.0323, 10.7815, 33.1870

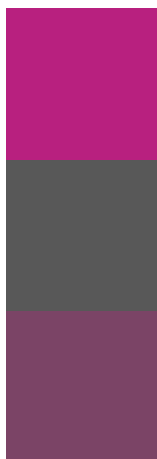
Deuteranomaly

15.5446, 11.3428, 19.7824

Tritanomaly

21.7132, 12.5778, 9.6708

Monochromacy



Original Color

24.1144, 12.7557, 21.2698

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

12.6338, 9.3045, 13.7004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1144, 12.7557, 21.2698 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, 32, 127)` looks like.

```
.text, #text, p{  
    color:rgb(184, 32, 127)  
}
```

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, 32, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 32, 127) }
```

Border

The CSS property to change the border of an element to XYZ 24.1144, 12.7557, 21.2698 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, 32, 127) }
```


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

```
.border{ border-color:rgb(184, 32, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 32, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 32, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 32, 127);  
box-shadow:4px 4px 4px 4px rgb(184, 32,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1144, 12.7557, 21.2698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 32, 127) }
```

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

```
.background{ background-color: rgb(184, 32,  
127) }
```

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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