

Converting Colors

XYZ(23.2370, 9.0865, 16.8319)

Have a look what the booklet for
XYZ(23.2370, 9.0865, 16.8319)
contains.

XYZ(24.8327, 12.4443, 17.3128)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.8327, 12.4443,
17.3128)**

Conversions

Conversions Part 1

Format	Color
Hex	C00073
RGB	192, 0, 115
RGB Percent	75%, 0%, 45%
CMY	0.2471, 0.9999, 0.5490
CMYK	0.00, 1.00, 0.40, 0.25
HSL	324°, 100%, 38%
HSV	324°, 100%, 75%
XYZ	24.8327, 12.4443, 17.3128
YIQ	70.5180, 77.5170, 76.4690

Conversions

Conversions Part 2

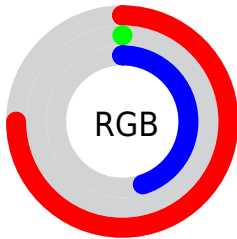
Format	Color
RYB	192, 0, 115
Decimal	12583027
CIELab	41.91, 70.01, -8.50
CIELCh	42, 70.529, 353.078
Yxy	12.4443, 0.4549, 0.2280
Android (android.graphics.Color)	4290773107 (0xFFC00073)
YUV	70.5180, 21.9296, 106.5397
Hunter-Lab	35.2765, 63.9203, -4.4045

Details

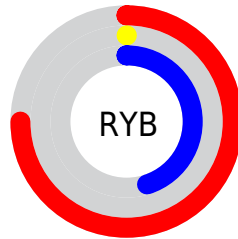
The XYZ color **24.8327, 12.4443, 17.3128** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **20.1908, 38.2357, 13.3438**, and the grayscale version is **5.8666, 6.1722, 6.7215**.

A 20% lighter version of the original color is **50.8109, 30.3282, 39.7351**, and **10.5288, 5.3108, 5.7803** is the 20% darker color. If you saturate the color by 10%, you get **24.8318, 12.4439, 17.3085**, and if you desaturate by 10%, it is **25.5315, 13.1028, 19.8245**.

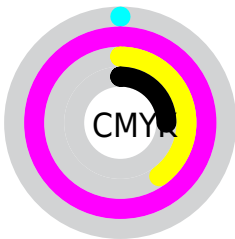
Distribution



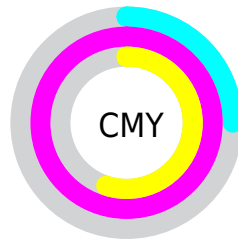
- Red (75%)
- Green (0%)
- Blue (45%)



- Red (75%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (40%)
- Black (25%)





- Cyan (25%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.8327, 12.4443, 17.3128 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 24.8327, 12.4443, 17.3128 by changing the saturation by 10% instead.


 24.8327, 12.4443,
17.3128


 24.8327, 12.4443,
17.3128


269.3668,
207.3249, 249.0732


 16.0805, 7.0470,
10.2935


 50.8305, 30.3018,
39.6608


 9.6724, 3.4915,
5.4858


 68.8069, 43.5307,
55.8265


 5.2429, 1.3934,
2.4714

 90.5887, 60.1391,
75.8781

 2.4267, 0.2119,
0.8249

 116.5413, 80.5112,
100.2342

 0.8584, 0.0000,
0.0000

 147.0301,
105.0314, 129.3132

 0.0000, 0.0000,
0.0000

 182.4203,

134.0842, 163.5336

223.0774,
168.0539, 203.3142

■ 24.8327, 12.4443,
17.3128

■ 24.8327, 12.4443,
17.3128

■ 24.8318, 12.4439,
17.3085

■ 25.5315, 13.1028,
19.8245

■ 26.5017, 14.2432,
22.6136

■ 27.8279, 16.0340,
25.7126

■ 29.5538, 18.5605,
29.1399

■ 31.7161, 21.8954,
32.9117

■ 34.3473, 26.1023,
37.0427

■ 37.4766, 31.2386,
41.5462

■ 41.1308, 37.3564,
46.4348

■ 45.3348, 44.5045,
51.7203

Harmonies

Analogous

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



21.7895, 12.4443, 39.1515



24.8327, 12.4443, 17.3128



23.6561, 12.4443, 5.1235

Triad

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



24.8327, 12.4443, 17.3128



8.3172, 12.4443, 0.5160



6.7698, 12.4443, 51.9056

Complementary

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



24.8327, 12.4443, 17.3128



20.1908, 38.2357, 13.3438

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.



4.7944, 12.4443, 28.2084



24.8327, 12.4443, 17.3128



5.4871, 12.4443, 2.5852

Square

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



24.8327, 12.4443, 17.3128



13.0777, 12.4443, 0.1573



4.4060, 12.4443, 10.3757



10.6604, 12.4443, 66.7099

Rectangle

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



24.8327, 12.4443, 17.3128



20.7659, 12.4443, 1.8786



4.4060, 12.4443, 10.3757



5.9124, 12.4443, 44.1419

Sweetspot

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



24.8331, 12.4450, 17.3130



67.6004, 56.0964, 74.8558



12.5610, 5.3769, 50.2448



13.9654, 11.1484, 15.3001



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



24.8331, 12.4450, 17.3130



44.8663, 22.4966, 30.6890



21.8581, 11.2550, 1.6469



10.3207, 10.1769, 11.7794



16.7485, 8.3892, 11.8538



0.7570, 0.3758, 0.6876

Inverse Universe

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



24.8331, 12.4450, 17.3130



44.8663, 22.4966, 30.6890



26.3738, 40.7089, 45.9030



10.3207, 10.1769, 11.7794



16.7485, 8.3892, 11.8538



0.7570, 0.3758, 0.6876

Previews

White Background



This preview shows how the XYZ color 24.8327, 12.4443, 17.3128 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 24.8327, 12.4443, 17.3128

Background



This preview shows how black text looks on a background with the XYZ color 24.8327, 12.4443, 17.3128.



This preview shows how white text looks on a background with the XYZ color 24.8327, 12.4443,

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

24.8327, 12.4443, 17.3128

Protanopia

14.1550, 13.1361, 37.3868

Deuteranopia

13.3282, 13.0481, 15.7260



Tritanopia

22.2291, 12.8506, 3.9981

Trichromacy



Original Color

24.8327, 12.4443, 17.3128



Protanomaly

14.5152, 9.5131, 28.6749



Deuteranomaly

15.1846, 10.0600, 15.8933



Tritanomaly

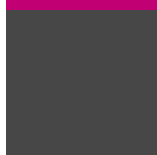
22.5953, 12.1654, 7.2881

Monochromacy



Original Color

24.8327, 12.4443, 17.3128



Achromatopsia

5.9891, 6.3010, 6.8618



Achromatomaly

9.7289, 6.2097, 9.7027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8327, 12.4443, 17.3128 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(192, 0, 115)` looks like.

```
.text, #text, p{  
    color:rgb(192, 0, 115)  
}
```

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(192, 0, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 0, 115) }
```

Border

The CSS property to change the border of an element to XYZ 24.8327, 12.4443, 17.3128 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(192, 0, 115) }
```


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

```
.border{ border-color:rgb(192, 0, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 0, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 0, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 0, 115);  
box-shadow:4px 4px 4px 4px rgb(192, 0,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8327, 12.4443, 17.3128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 0, 115) }
```

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

```
.background{ background-color: rgb(192, 0,  
115) }
```

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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