

Converting Colors

XYZ(27.4948, 13.6382, 25.4968)

Have a look what the booklet for
XYZ(27.4948, 13.6382, 25.4968)
contains.

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Color

**XYZ(27.4252, 13.5998,
25.6057)**

Conversions

Conversions Part 1

Format	Color
Hex	C4008B
RGB	196, 0, 139
RGB Percent	77%, 0%, 55%
CMY	0.2314, 0.9999, 0.4549
CMYK	0.00, 1.00, 0.29, 0.23
HSL	317°, 100%, 38%
HSV	317°, 100%, 77%
XYZ	27.4252, 13.5998, 25.6057
YIQ	74.4500, 72.1970, 84.7810

Conversions

Conversions Part 2

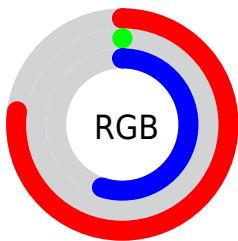
Format	Color
RYB	196, 0, 139
Decimal	12845195
CIELab	43.65, 73.27, -20.60
CIElCh	44, 76.114, 344.298
Yxy	13.5998, 0.4116, 0.2041
Android (android.graphics.Color)	4291035275 (0xFFC4008B)
YUV	74.4500, 31.8231, 106.5994
Hunter-Lab	36.8779, 68.2098, -15.3527

Details

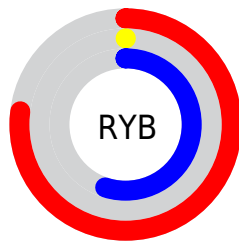
The XYZ color **27.4252, 13.5998, 25.6057** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **20.4796, 39.7760, 10.4728**, and the grayscale version is **6.5279, 6.8678, 7.4791**.

A 20% lighter version of the original color is **54.3554, 32.0897, 53.7812**, and **12.1197, 6.0396, 9.9782** is the 20% darker color. If you saturate the color by 10%, you get **27.4247, 13.5997, 25.6026**, and if you desaturate by 10%, it is **28.0966, 14.2583, 27.9387**.

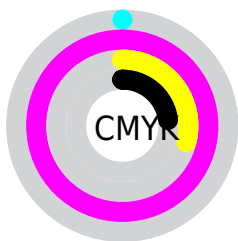
Distribution



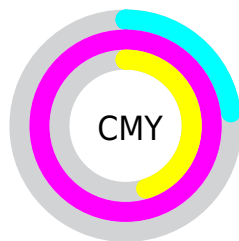
- Red (77%)
- Green (0%)
- Blue (55%)



- Red (77%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (29%)
- Black (23%)





- Cyan (23%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4252, 13.5998, 25.6057 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 27.4252, 13.5998, 25.6057 by changing the saturation by 10% instead.


 27.4252, 13.5998,
25.6057


 27.4252, 13.5998,
25.6057


281.8402,
214.7267, 294.3847


 18.0311, 7.8429,
16.3058


 54.9805, 32.3772,
53.6144


 11.0721, 3.9946,
9.5841


 73.8724, 46.1665,
73.1603


 6.1830, 1.6705,
5.0221


 96.6609, 63.4020,
96.9585

 2.9984, 0.4045,
2.2013

 123.7114, 84.4681,
125.4277

 1.1529, 0.0000,
0.6751

 155.3892,
109.7493, 158.9864

 0.0687, 0.0000,
0.0000

 192.0597,

 0.0000, 0.0000,

139.6298, 198.0531

0.0000

234.0882,
174.4942, 243.0464

■ 27.4252, 13.5998,
25.6057

■ 27.4252, 13.5998,
25.6057

■ 27.4247, 13.5997,
25.6026

■ 28.0966, 14.2583,
27.9387

■ 29.0356, 15.4169,
30.4696

■ 30.3297, 17.2500,
33.2292

■ 32.0242, 19.8474,
36.2341

■ 34.1573, 23.2853,
39.4985

■ 36.7626, 27.6305,
43.0351

■ 39.8705, 32.9432,
46.8554

■ 43.5087, 39.2781,
50.9701

■ 47.7027, 46.6862,
55.3890

Harmonies

Analogous

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



22.7147, 13.5998, 52.9999



27.4252, 13.5998, 25.6057



27.5455, 13.5998, 8.0822

Triad

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



27.4252, 13.5998, 25.6057



10.2934, 13.5998, 0.1055



6.3281, 13.5998, 51.6787

Complementary

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



27.4252, 13.5998, 25.6057



20.4796, 39.7760, 10.4728

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.



4.6883, 13.5998, 24.5014



27.4252, 13.5998, 25.6057



6.4524, 13.5998, 1.5408

Square

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



27.4252, 13.5998, 25.6057



16.2883, 13.5998, 0.1392



4.7255, 13.5998, 7.5738



10.0618, 13.5998, 74.3579

Rectangle

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



27.4252, 13.5998, 25.6057



24.9173, 13.5998, 2.9341



4.7255, 13.5998, 7.5738



5.5731, 13.5998, 42.1323

Sweetspot

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



27.4256, 13.6005, 25.6059



71.9323, 59.1690, 84.5327



11.5702, 4.8141, 52.5443



14.8601, 11.7433, 17.4477



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.



27.4256, 13.6005, 25.6059



49.5632, 24.5893, 45.7592



23.1921, 11.9071, 3.3126



10.3684, 10.1960, 12.0304



17.6604, 8.7539, 16.6557



0.7918, 0.3897, 0.8711

Inverse Universe

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



27.4256, 13.6005, 25.6059



49.5632, 24.5893, 45.7592



25.5349, 41.7981, 37.0933



10.3684, 10.1960, 12.0304



17.6604, 8.7539, 16.6557



0.7918, 0.3897, 0.8711

Previews

White Background



This preview shows how the XYZ color 27.4252, 13.5998, 25.6057 looks on a white background.

Color Contrast Check

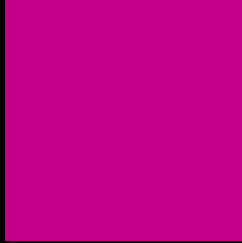
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4252, 13.5998, 25.6057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

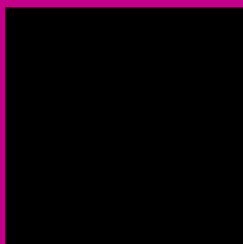
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.4252, 13.5998, 25.6057

Background



This preview shows how black text looks on a background with the XYZ color 27.4252, 13.5998, 25.6057.



This preview shows how white text looks on a background with the XYZ color 27.4252, 13.5998,

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

27.4252, 13.5998, 25.6057

Protanopia

16.4657, 14.3642, 55.3308

Deuteranopia

14.4730, 14.1958, 23.0963



Tritanopia

23.3399, 13.9749, 5.3382

Trichromacy



Original Color

27.4252, 13.5998, 25.6057



Protanomaly

15.7700, 10.0191, 42.6977



Deuteranomaly

16.4984, 10.9082, 23.4262



Tritanomaly

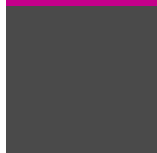
24.0596, 13.0967, 10.2767

Monochromacy



Original Color

27.4252, 13.5998, 25.6057



Achromatopsia

6.5089, 6.8478, 7.4573



Achromatomaly

10.6923, 6.7664, 12.2978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4252, 13.5998, 25.6057 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(196, 0, 139)` looks like.

```
.text, #text, p{  
    color:rgb(196, 0, 139)  
}
```

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(196, 0, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 0, 139) }
```

Border

The CSS property to change the border of an element to XYZ 27.4252, 13.5998, 25.6057 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(196, 0, 139) }
```


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

```
.border{ border-color:rgb(196, 0, 139) }
```

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

Here you see how a box with a 4 pixel rgb(196, 0, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 0, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 0, 139);  
box-shadow:4px 4px 4px 4px rgb(196, 0,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4252, 13.5998, 25.6057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 0, 139) }
```

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

```
.background{ background-color: rgb(196, 0,  
139) }
```

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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