

Converting Colors

XYZ(27.5720, 14.3182, 13.9546)

Have a look what the booklet for
XYZ(27.5720, 14.3182, 13.9546)
contains.

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Color

**XYZ(27.5503, 14.2970,
13.8779)**

Conversions

Conversions Part 1

Format	Color
Hex	CC1466
RGB	204, 20, 102
RGB Percent	80%, 8%, 40%
CMY	0.2000, 0.9215, 0.6000
CMYK	0.00, 0.90, 0.50, 0.20
HSL	333°, 82%, 44%
HSV	333°, 90%, 80%
XYZ	27.5503, 14.2970, 13.8779
YIQ	84.3640, 83.3420, 64.5100

Conversions

Conversions Part 2

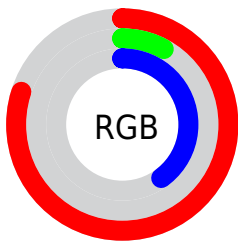
Format	Color
R_{YB}	204, 20, 102
Decimal	13374566
CIE _{Lab}	44.66, 69.45, 3.93
CIE _{LCh}	45, 69.565, 3.237
Yxy	14.2970, 0.4944, 0.2566
Android (android.graphics.Color)	4291564646 (0xFFCC1466)
YUV	84.3640, 8.6945, 104.9208
Hunter-Lab	37.8114, 63.8896, 4.7068

Details

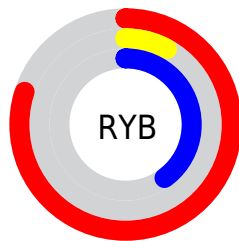
The XYZ color **27.5503, 14.2970, 13.8779** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **25.3962, 44.7404, 25.7175**, and the grayscale version is **8.4752, 8.9166, 9.7101**.

A 20% lighter version of the original color is **50.9041, 31.3886, 33.5127**, and **12.0415, 6.1252, 4.2890** is the 20% darker color. If you saturate the color by 10%, you get **26.7857, 13.5909, 11.0861**, and if you desaturate by 10%, it is **28.6731, 15.5830, 17.2111**.

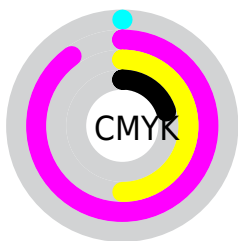
Distribution



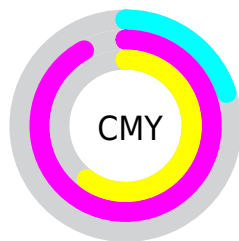
- Red (80%)
- Green (8%)
- Blue (40%)



- Red (80%)
- Yellow (8%)
- Blue (40%)



- Cyan (0%)
- Magenta (90%)
- Yellow (50%)
- Black (20%)





- Cyan (20%)
- Magenta (92%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5503, 14.2970, 13.8779 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 27.5503, 14.2970, 13.8779 by changing the saturation by 10% instead.


 27.5503, 14.2970,
13.8779


 27.5503, 14.2970,
13.8779


282.4310,
219.0707, 227.8719


 18.1257, 8.3275,
7.8980


 55.1793, 33.6151,
33.5862


 11.1405, 4.3052,
3.9429


 74.1145, 47.7325,
48.1517


 6.2294, 1.8457,
1.5941


 96.9505, 65.3347,
66.4162

 3.0270, 0.5154,
0.2866

 124.0527, 86.8060,
88.7982

 1.1681, 0.0000,
0.0000

 155.7865,
112.5308, 115.7162

 0.0809, 0.0000,
0.0000

 192.5173,

 0.0000, 0.0000,

142.8937, 147.5888

0.0000

234.6103,
178.2788, 184.8345

■ 27.5503, 14.2970,
13.8779

■ 27.5503, 14.2970,
13.8779

■ 26.7857, 13.5909,
11.0861

■ 28.6731, 15.5830,
17.2111

■ 30.2387, 17.6271,
21.0838

■ 32.3000, 20.5313,
25.5273

■ 34.9018, 24.3806,
30.5694

■ 38.0835, 29.2501,
36.2356

■ 41.8807, 35.2070,
42.5497

■ 46.3260, 42.3127,
49.5339

■ 51.4495, 50.6242,
57.2092

■ 57.2796, 60.1945,
65.5956

Harmonies

Analogous

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



25.7571, 14.2970, 34.1641



27.5503, 14.2970, 13.8779



24.8303, 14.2970, 3.9935

Triad

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



27.5503, 14.2970, 13.8779



8.4685, 14.2970, 1.3591



9.2663, 14.2970, 63.0400

Complementary

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



27.5503, 14.2970, 13.8779



25.3962, 44.7404, 25.7175

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.



6.3856, 14.2970, 39.5563



27.5503, 14.2970, 13.8779



6.0225, 14.2970, 5.3501

Square

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



27.5503, 14.2970, 13.8779



12.9855, 14.2970, 0.5271



5.3813, 14.2970, 17.3879



14.2106, 14.2970, 71.7409

Rectangle

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



27.5503, 14.2970, 13.8779



21.1696, 14.2970, 1.5865



5.3813, 14.2970, 17.3879



8.0758, 14.2970, 56.0718

Sweetspot

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



27.5507, 14.2978, 13.8781



71.3326, 61.4419, 73.6283



19.0644, 8.9410, 57.8476



14.7546, 12.3359, 14.9356



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.



27.5507, 14.2978, 13.8781



44.2558, 22.4663, 17.8111



25.4731, 13.7777, 1.9797



11.4166, 11.2954, 12.7283



16.9047, 8.5725, 7.2166



0.9101, 0.4574, 0.5724

Inverse Universe

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



27.5507, 14.2978, 13.8781



44.2558, 22.4663, 17.8111



30.6586, 43.4497, 63.8974



11.4166, 11.2954, 12.7283



16.9047, 8.5725, 7.2166



0.9101, 0.4574, 0.5724

Previews

White Background



This preview shows how the XYZ color 27.5503, 14.2970, 13.8779 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 27.5503, 14.2970, 13.8779 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 27.5503, 14.2970, 13.8779

Background



This preview shows how black text looks on a background with the XYZ color 27.5503, 14.2970, 13.8779.



This preview shows how white text looks on a background with the XYZ color 27.5503, 14.2970,

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

27.5503, 14.2970, 13.8779

Protanopia

15.0887, 14.8392, 28.8571

Deuteranopia

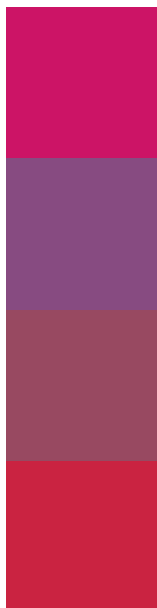
14.8967, 14.6462, 12.6315



Tritanopia

25.4427, 14.4007, 3.8215

Trichromacy



Original Color

27.5503, 14.2970, 13.8779

Protanomaly

16.4702, 11.7680, 22.1723

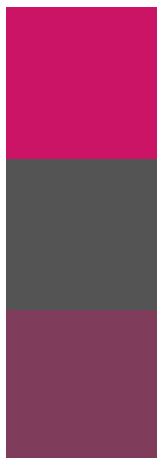
Deuteranomaly

17.4891, 12.3036, 12.7623

Tritanomaly

25.9123, 14.1403, 6.3646

Monochromacy



Original Color

27.5503, 14.2970, 13.8779

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

12.4592, 8.6820, 10.9167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5503, 14.2970, 13.8779 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(204, 20, 102)` looks like.

```
.text, #text, p{  
    color:rgb(204, 20, 102)  
}
```

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(204, 20, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 20, 102) }
```

Border

The CSS property to change the border of an element to XYZ 27.5503, 14.2970, 13.8779 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(204, 20, 102) }
```


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

```
.border{ border-color:rgb(204, 20, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 20, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 20, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 20, 102);  
box-shadow:4px 4px 4px 4px rgb(204, 20,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5503, 14.2970, 13.8779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 20, 102) }
```

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

```
.background{ background-color: rgb(204, 20,  
102) }
```

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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