

Converting Colors

XYZ(27.6759, 14.3424, 17.2261)

Have a look what the booklet for
XYZ(27.6759, 14.3424, 17.2261)
contains.

XYZ(27.6813, 14.3453, 17.2295)	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(27.6813, 14.3453,
17.2295)**

Conversions

Conversions Part 1

Format	Color
Hex	CA1672
RGB	202, 22, 114
RGB Percent	79%, 9%, 45%
CMY	0.2078, 0.9136, 0.5529
CMYK	0.00, 0.89, 0.44, 0.21
HSL	329°, 80%, 44%
HSV	329°, 89%, 79%
XYZ	27.6813, 14.3453, 17.2295
YIQ	86.3080, 77.7480, 66.7720

Conversions

Conversions Part 2

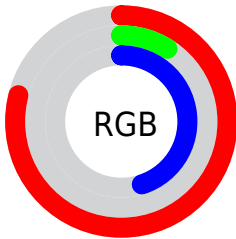
Format	Color
R _{YB}	202, 22, 114
Decimal	13244018
CIE _{Lab}	44.72, 69.68, -3.48
CIE _{LCh}	45, 69.771, 357.141
Yxy	14.3453, 0.4671, 0.2421
Android (android.graphics.Color)	4291434098 (0xFFCA1672)
YUV	86.3080, 13.6522, 101.4619
Hunter-Lab	37.8752, 64.1762, -0.4585

Details

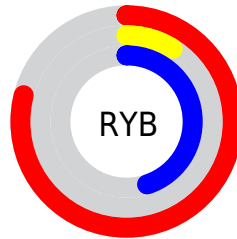
The XYZ color **27.6813, 14.3453, 17.2295** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **24.2676, 43.5381, 21.8829**, and the grayscale version is **8.8736, 9.3357, 10.1666**.

A 20% lighter version of the original color is **52.1256, 32.0186, 39.5093**, and **12.1387, 6.1441, 5.7004** is the 20% darker color. If you saturate the color by 10%, you get **26.8818, 13.5981, 14.3375**, and if you desaturate by 10%, it is **28.8233, 15.6804, 20.5355**.

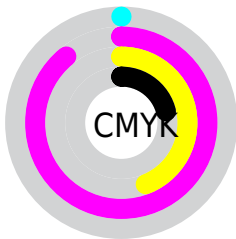
Distribution



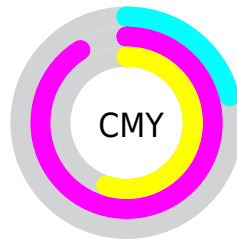
- Red (79%)
- Green (9%)
- Blue (45%)



- Red (79%)
- Yellow (9%)
- Blue (45%)



- Cyan (0%)
- Magenta (89%)
- Yellow (44%)
- Black (21%)



- Cyan (21%)
- Magenta (91%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6813, 14.3453, 17.2295 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 27.6813, 14.3453, 17.2295 by changing the saturation by 10% instead.

■ 27.6813, 14.3453,
17.2295

■ 27.6813, 14.3453,
17.2295

283.0487,
219.3685, 248.5800

■ 18.2248, 8.3612,
10.2346

■ 55.3874, 33.7005,
39.5160

■ 11.2122, 4.3269,
5.4471

■ 74.3677, 47.8403,
55.6446

■ 6.2781, 1.8581,
2.4486

■ 97.2534, 65.4676,
75.6549

■ 3.0571, 0.5230,
0.8127

■ 124.4097, 86.9666,
99.9654

■ 1.1841, 0.0000,
0.0000

■ 156.2020,
112.7219, 128.9946

■ 0.0937, 0.0000,
0.0000

■ 192.9957,

■ 0.0000, 0.0000,

143.1176, 163.1611

0.0000

235.1561,
178.5384, 202.8834

■ 27.6813, 14.3453,
17.2295

■ 27.6813, 14.3453,
17.2295

■ 26.8818, 13.5981,
14.3375

■ 28.8233, 15.6804,
20.5355

■ 26.8169, 13.5405,
14.0933

■ 30.3887, 17.7623,
24.2911

■ 32.4274, 20.6878,
28.5217

■ 34.9815, 24.5385,
33.2498

■ 38.0882, 29.3862,
38.4956

■ 41.7811, 35.2956,
44.2782

■ 46.0910, 42.3258,
50.6153

■ 51.0465, 50.5318,
57.5236

■ 56.6743, 59.9645,
65.0191

Harmonies

Analogous

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



24.9978, 14.3453, 39.4270



27.6813, 14.3453, 17.2295



25.8213, 14.3453, 5.2662

Triad

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



27.6813, 14.3453, 17.2295



9.2411, 14.3453, 1.0529



8.5332, 14.3453, 59.2741

Complementary

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



27.6813, 14.3453, 17.2295



24.2676, 43.5381, 21.8829

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.



6.0515, 14.3453, 34.6342



27.6813, 14.3453, 17.2295



6.3735, 14.3453, 4.0644

Square

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



27.6813, 14.3453, 17.2295



14.1859, 14.3453, 0.5192



5.3867, 14.3453, 14.1132



13.0981, 14.3453, 72.1711

Rectangle

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



27.6813, 14.3453, 17.2295



22.4773, 14.3453, 2.0903



5.3867, 14.3453, 14.1132



7.4817, 14.3453, 51.5124

Sweetspot

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



27.6817, 14.3461, 17.2297



71.9265, 61.6794, 76.7558



17.2561, 8.0909, 56.5292



14.8939, 12.3916, 15.6692



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.



27.6817, 14.3461, 17.2297



45.2906, 22.8803, 23.2604



24.8201, 13.2015, 2.1609



11.4476, 11.3078, 12.8916



17.3016, 8.7312, 9.3068



0.9309, 0.4657, 0.6817

Inverse Universe

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



27.6817, 14.3461, 17.2297



45.2906, 22.8803, 23.2604



31.7607, 46.5354, 61.3412



11.4476, 11.3078, 12.8916



17.3016, 8.7312, 9.3068



0.9309, 0.4657, 0.6817

Previews

White Background



This preview shows how the XYZ color 27.6813, 14.3453, 17.2295 looks on a white background.

Color Contrast Check

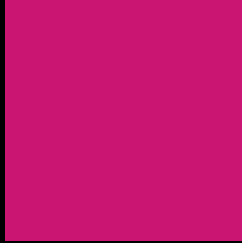
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6813, 14.3453, 17.2295 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 27.6813, 14.3453, 17.2295

Background



This preview shows how black text looks on a background with the XYZ color 27.6813, 14.3453, 17.2295.



This preview shows how white text looks on a background with the XYZ color 27.6813, 14.3453,

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

27.6813, 14.3453, 17.2295

Protanopia

15.5091, 14.7511, 35.7480

Deuteranopia

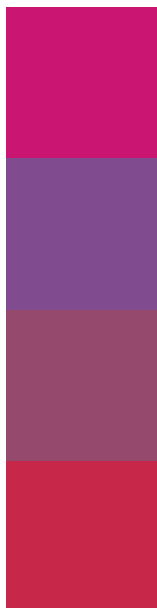
15.0230, 14.7928, 15.6992



Tritanopia

24.9627, 14.4327, 4.4877

Trichromacy



Original Color

27.6813, 14.3453, 17.2295

Protanomaly

16.6034, 11.7129, 27.7713

Deuteranomaly

17.6035, 12.3912, 15.9319

Tritanomaly

25.4813, 14.0742, 7.6769

Monochromacy



Original Color

27.6813, 14.3453, 17.2295

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

12.7909, 8.9887, 12.1272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6813, 14.3453, 17.2295 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(202, 22, 114)` looks like.

```
.text, #text, p{  
    color:rgb(202, 22, 114)  
}
```

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(202, 22, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 22, 114) }
```

Border

The CSS property to change the border of an element to XYZ 27.6813, 14.3453, 17.2295 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(202, 22, 114) }
```


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

```
.border{ border-color:rgb(202, 22, 114) }
```

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

Here you see how a box with a 4 pixel rgb(202, 22, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 22, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 22, 114);  
box-shadow:4px 4px 4px 4px rgb(202, 22,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6813, 14.3453, 17.2295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 22, 114) }
```

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

```
.background{ background-color: rgb(202, 22,  
114) }
```

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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