

Converting Colors

XYZ(34.2942, 17.7417, 18.6951)

Have a look what the booklet for
XYZ(34.2942, 17.7417, 18.6951)
contains.

| | |
|--|----|
| XYZ(34.2974, 17.7291, 18.7539) | 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(34.2974, 17.7291,
18.7539)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E01676 |
| RGB | 224, 22, 118 |
| RGB Percent | 88%, 9%, 46% |
| CMY | 0.1216, 0.9136, 0.5373 |
| CMYK | 0.00, 0.90, 0.47, 0.12 |
| HSL | 331°, 82%, 48% |
| HSV | 331°, 90%, 88% |
| XYZ | 34.2974, 17.7291, 18.7539 |
| YIQ | 93.3420, 89.5760, 72.6800 |

Conversions

Conversions Part 2

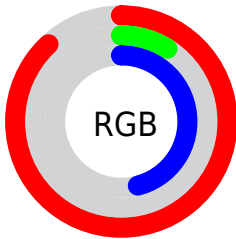
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 224, 22, 118 |
| Decimal | 14685814 |
| CIE Lab | 49.17, 75.08, 1.08 |
| CIE LCh | 49, 75.088, 0.822 |
| Yxy | 17.7291, 0.4846, 0.2505 |
| Android (android.graphics.Color) | 4292875894 (0xFFE01676) |
| YUV | 93.3420, 12.1564, 114.5871 |
| Hunter-Lab | 42.1059, 71.7118, 3.0665 |

Details

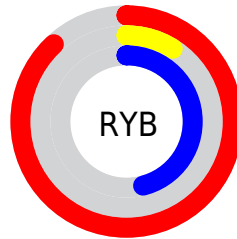
The XYZ color **34.2974, 17.7291, 18.7539** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **30.8851, 55.0413, 29.4276**, and the grayscale version is **10.4455, 10.9894, 11.9675**.

A 20% lighter version of the original color is **52.8634, 32.8976, 41.5939**, and **16.0058, 8.1236, 6.5188** is the 20% darker color. If you saturate the color by 10%, you get **33.3649, 16.8970, 15.2588**, and if you desaturate by 10%, it is **35.6700, 19.2858, 22.8759**.

Distribution



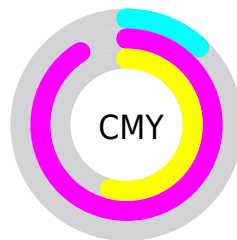
- Red (88%)
- Green (9%)
- Blue (46%)



- Red (88%)
- Yellow (9%)
- Blue (46%)



- Cyan (0%)
- Magenta (90%)
- Yellow (47%)
- Black (12%)





- Cyan (12%)
- Magenta (91%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2974, 17.7291, 18.7539 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 34.2974, 17.7291, 18.7539 by changing the saturation by 10% instead.


 34.2974, 17.7291,
18.7539


 34.2974, 17.7291,
18.7539

313.0187,
239.3397, 257.4641


 23.2861, 10.7557,
11.3176


 65.7371, 39.5752,
42.1490


 14.9268, 5.9028,
6.1640


 86.8963, 55.2166,
58.9448


 8.8540, 2.7861,
2.8747


 112.1688, 74.5162,
79.6976

 4.7024, 1.0211,
1.0310

 141.9199, 97.8583,
104.8258

 2.1067, 0.0000,
0.0000

 176.5152,
125.6272, 134.7480

 0.6928, 0.0000,
0.0000

 216.3198,

 0.0000, 0.0000,

158.2075, 169.8828

0.0000

261.6992,
195.9836, 210.6486

■ 34.2974, 17.7291,
18.7539

■ 34.2974, 17.7291,
18.7539

■ 33.3649, 16.8970,
15.2588

■ 35.6700, 19.2858,
22.8759

■ 37.5833, 21.7794,
27.6226

■ 40.1037, 25.3387,
33.0304

■ 43.2873, 30.0710,
39.1317

■ 47.1832, 36.0706,
45.9557

■ 51.8357, 43.4219,
53.5298

■ 57.2854, 52.2021,
61.8796

■ 63.5698, 62.4825,
71.0291

■ 70.7240, 74.3296,
81.0014

Harmonies

Analogous

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



31.6186, 17.7291, 44.9881



34.2974, 17.7291, 18.7539



31.3245, 17.7291, 5.4888

Triad

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



34.2974, 17.7291, 18.7539



10.8318, 17.7291, 1.4932



11.0839, 17.7291, 76.6498

Complementary

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



34.2974, 17.7291, 18.7539



30.8851, 55.0413, 29.4276

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.



7.7060, 17.7291, 46.7003



34.2974, 17.7291, 18.7539



7.5914, 17.7291, 5.9153

Square

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



34.2974, 17.7291, 18.7539



16.6578, 17.7291, 0.6773



6.6284, 17.7291, 19.8647



17.0456, 17.7291, 89.6243

Rectangle

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



34.2974, 17.7291, 18.7539



26.9111, 17.7291, 2.1607



6.6284, 17.7291, 19.8647



9.6743, 17.7291, 67.5339

Sweetspot

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



34.2979, 17.7301, 18.7542



71.5991, 61.5485, 75.0317



22.4023, 10.4212, 71.3516



14.8171, 12.3608, 15.2644



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.



34.2979, 17.7301, 18.7542



44.7017, 22.6447, 20.1588



31.2416, 16.6175, 2.3213



13.9771, 13.8085, 15.6494



19.4781, 9.8582, 9.1834



1.3951, 0.7013, 0.8736

Inverse Universe

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



34.2979, 17.7301, 18.7542



44.7017, 22.6447, 20.1588



39.5458, 57.0723, 79.4527



13.9771, 13.8085, 15.6494



19.4781, 9.8582, 9.1834



1.3951, 0.7013, 0.8736

Previews

White Background



This preview shows how the XYZ color 34.2974, 17.7291, 18.7539 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 34.2974, 17.7291, 18.7539 looks on a black 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

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

XYZ 34.2974, 17.7291, 18.7539

Background



This preview shows how black text looks on a background with the XYZ color 34.2974, 17.7291, 18.7539.



This preview shows how white text looks on a background with the XYZ color 34.2974, 17.7291,

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

34.2974, 17.7291, 18.7539

Protanopia

18.7928, 18.1427, 39.5572

Deuteranopia

18.4505, 18.1253, 16.9941



Tritanopia

31.5569, 17.8924, 4.9223

Trichromacy



Original Color

34.2974, 17.7291, 18.7539



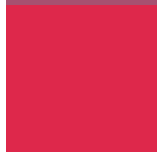
Protanomaly

20.3764, 14.3476, 30.5496



Deuteranomaly

21.5929, 15.1617, 17.1177



Tritanomaly

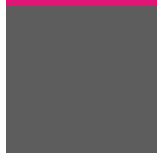
32.1530, 17.5552, 8.3504

Monochromacy



Original Color

34.2974, 17.7291, 18.7539



Achromatopsia

10.4043, 10.9462, 11.9204



Achromatomaly

15.3899, 10.6363, 13.8123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2974, 17.7291, 18.7539 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(224, 22, 118)` looks like.

```
.text, #text, p{  
    color:rgb(224, 22, 118)  
}
```

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(224, 22, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 22, 118) }
```

Border

The CSS property to change the border of an element to XYZ 34.2974, 17.7291, 18.7539 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(224, 22, 118) }
```


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

```
.border{ border-color:rgb(224, 22, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 22, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 22, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 22, 118);  
box-shadow:4px 4px 4px 4px rgb(224, 22,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2974, 17.7291, 18.7539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 22, 118) }
```

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

```
.background{ background-color: rgb(224, 22,  
118) }
```

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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