

Converting Colors

XYZ(34.4041, 17.4836, 14.5597)

Have a look what the booklet for
XYZ(34.4041, 17.4836, 14.5597)
contains.

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Color

**XYZ(34.5153, 17.5369,
14.6625)**

Conversions

Conversions Part 1

Format	Color
Hex	E40268
RGB	228, 2, 104
RGB Percent	89%, 1%, 41%
CMY	0.1059, 0.9919, 0.5922
CMYK	0.00, 0.99, 0.54, 0.11
HSL	333°, 98%, 45%
HSV	333°, 99%, 89%
XYZ	34.5153, 17.5369, 14.6625
YIQ	81.2020, 101.9540, 79.6340

Conversions

Conversions Part 2

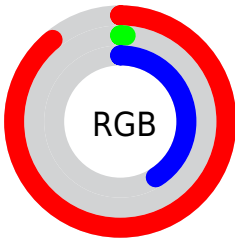
Format	Color
RYB	228, 2, 104
Decimal	14942824
CIELab	48.93, 76.85, 9.43
CIELCh	49, 77.428, 6.999
Yxy	17.5369, 0.5174, 0.2629
Android (android.graphics.Color)	4293132904 (0xFFE40268)
YUV	81.2020, 11.2394, 128.7418
Hunter-Lab	41.8771, 73.8357, 8.5546

Details

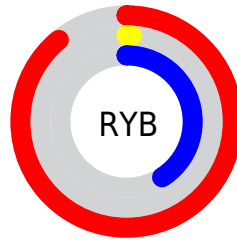
The XYZ color **34.5153, 17.5369, 14.6625** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **31.5383, 57.0075, 29.0979**, and the grayscale version is **7.8312, 8.2390, 8.9723**.

A 20% lighter version of the original color is **51.0707, 31.4553, 34.3901**, and **16.2808, 8.3048, 4.7479** is the 20% darker color. If you saturate the color by 10%, you get **34.4366, 17.4706, 14.3558**, and if you desaturate by 10%, it is **35.5216, 18.4558, 18.3700**.

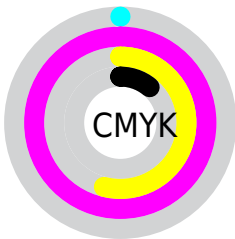
Distribution



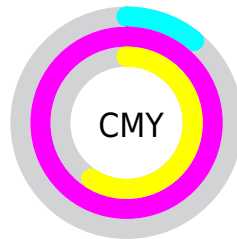
- Red (89%)
- Green (1%)
- Blue (41%)



- Red (89%)
- Yellow (1%)
- Blue (41%)



- Cyan (0%)
- Magenta (99%)
- Yellow (54%)
- Black (11%)





- Cyan (11%)
- Magenta (99%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5153, 17.5369, 14.6625 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 34.5153, 17.5369, 14.6625 by changing the saturation by 10% instead.


 34.5153, 17.5369,
14.6625


 34.5153, 17.5369,
14.6625


313.9693,
238.2477, 232.8842


 23.4545, 10.6180,
8.4389


 66.0732, 39.2466,
34.9939


 15.0520, 5.8106,
4.2853


 87.3010, 54.8062,
49.9388


 8.9424, 2.7303,
1.7831


 112.6485, 74.0149,
68.6278

 4.7605, 0.9926,
0.4168

 142.4811, 97.2570,
91.4795

 2.1407, 0.0000,
0.0000

 177.1641,
124.9169, 118.9125

 0.7112, 0.0000,
0.0000

 217.0629,

 0.0000, 0.0000,

157.3791, 151.3452

0.0000

262.5429,
195.0279, 189.1963

■ 34.5153, 17.5369,
14.6625

■ 34.5153, 17.5369,
14.6625

■ 34.4366, 17.4706,
14.3558

■ 35.5216, 18.4558,
18.3700

■ 37.0017, 20.1652,
22.7199

■ 39.0613, 22.8703,
27.7654

■ 41.7684, 26.7020,
33.5466

■ 45.1811, 31.7709,
40.0991

■ 49.3505, 38.1745,
47.4555

■ 54.3230, 46.0002,
55.6464

■ 60.1408, 55.3280,
64.7001

■ 66.8432, 66.2321,
74.6437

Harmonies

Analogous

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



32.9211, 17.5369, 39.1377



34.5153, 17.5369, 14.6625



30.3382, 17.5369, 3.7987

Triad

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



34.5153, 17.5369, 14.6625



9.6520, 17.5369, 1.7125



11.8258, 17.5369, 83.7123

Complementary

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



34.5153, 17.5369, 14.6625



31.5383, 57.0075, 29.0979

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.



7.8810, 17.5369, 54.2396



34.5153, 17.5369, 14.6625



6.9016, 17.5369, 7.4201

Square

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



34.5153, 17.5369, 14.6625



15.0388, 17.5369, 0.5250



6.3625, 17.5369, 24.3406



18.4114, 17.5369, 91.5945

Rectangle

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



34.5153, 17.5369, 14.6625



25.3957, 17.5369, 1.4141



6.3625, 17.5369, 24.3406



10.2117, 17.5369, 75.3238

Sweetspot

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



34.5157, 17.5380, 14.6628



69.2724, 58.1051, 70.5263



22.1311, 9.8244, 74.1283



14.2280, 11.4904, 14.1191



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.



34.5157, 17.5380, 14.6628



44.3377, 22.4991, 18.2424



32.1100, 16.7065, 1.5913



14.6460, 14.4756, 16.3361



19.9430, 10.1114, 8.5948



1.5200, 0.7657, 0.8789

Inverse Universe

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



34.5157, 17.5380, 14.6628



44.3377, 22.4991, 18.2424



39.7454, 57.0471, 82.3148



14.6460, 14.4756, 16.3361



19.9430, 10.1114, 8.5948



1.5200, 0.7657, 0.8789

Previews

White Background



This preview shows how the XYZ color 34.5153, 17.5369, 14.6625 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 34.5153, 17.5369, 14.6625 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 34.5153, 17.5369, 14.6625

Background



This preview shows how black text looks on a background with the XYZ color 34.5153, 17.5369, 14.6625.



This preview shows how white text looks on a background with the XYZ color 34.5153, 17.5369,

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

34.5153, 17.5369, 14.6625

Protanopia

18.2539, 18.2082, 31.8306

Deuteranopia

18.2420, 17.9368, 13.0904



Tritanopia

32.2445, 17.7535, 3.8251

Trichromacy



Original Color

34.5153, 17.5369, 14.6625



Protanomaly

19.7680, 13.4288, 24.1044



Deuteranomaly

21.1647, 14.1930, 13.1793



Tritanomaly

32.6814, 17.3228, 6.4716

Monochromacy



Original Color

34.5153, 17.5369, 14.6625



Achromatopsia

7.8210, 8.2283, 8.9606



Achromatomaly

12.8627, 8.2456, 10.3648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5153, 17.5369, 14.6625 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(228, 2, 104)` looks like.

```
.text, #text, p{  
    color:rgb(228, 2, 104)  
}
```

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(228, 2, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 2, 104) }
```

Border

The CSS property to change the border of an element to XYZ 34.5153, 17.5369, 14.6625 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(228, 2, 104) }
```


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

```
.border{ border-color:rgb(228, 2, 104) }
```

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

Here you see how a box with a 4 pixel rgb(228, 2, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 2, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 2, 104);  
box-shadow:4px 4px 4px 4px rgb(228, 2,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5153, 17.5369, 14.6625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 2, 104) }
```

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

```
.background{ background-color: rgb(228, 2,  
104) }
```

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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