

Converting Colors

XYZ(40.1081, 20.9971, 43.3833)

Have a look what the booklet for
XYZ(40.1081, 20.9971, 43.3833)
contains.

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Color

**XYZ(40.1278, 20.9990,
43.5332)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E22AB1 |
| RGB | 226, 42, 177 |
| RGB Percent | 89%, 16%, 69% |
| CMY | 0.1137, 0.8352, 0.3059 |
| CMYK | 0.00, 0.81, 0.22, 0.11 |
| HSL | 316°, 76%, 53% |
| HSV | 316°, 81%, 89% |
| XYZ | 40.1278, 20.9990, 43.5332 |
| YIQ | 112.4060, 66.3290, 80.9930 |

Conversions

Conversions Part 2

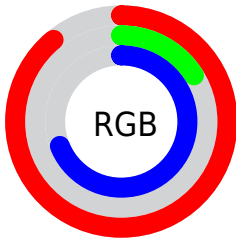
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 226, 42, 177 |
| Decimal | 14822065 |
| CIE Lab | 52.95, 77.90, -28.46 |
| CIE LCh | 53, 82.938, 339.930 |
| Yxy | 20.9990, 0.3834, 0.2006 |
| Android (android.graphics.Color) | 4293012145 (0xFFE22AB1) |
| YUV | 112.4060, 31.8448, 99.6219 |
| Hunter-Lab | 45.8247, 76.1159, -24.2479 |

Details

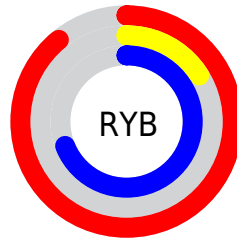
The XYZ color **40.1278, 20.9990, 43.5332** is a light color, and the websafe version is hex **CC0099**. The color can be described as light washed rose. A complement of this color would be **30.0408, 55.6411, 19.0572**, and the grayscale version is **15.4180, 16.2210, 17.6646**.

A 20% lighter version of the original color is **61.5239, 38.2951, 81.2398**, and **19.3640, 9.5622, 19.8939** is the 20% darker color. If you saturate the color by 10%, you get **38.9530, 19.5883, 40.2466**, and if you desaturate by 10%, it is **41.7817, 23.3250, 47.1103**.

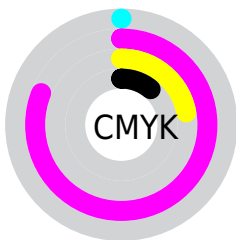
Distribution



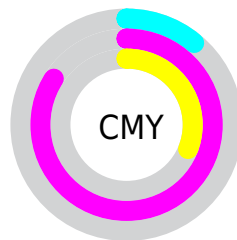
- Red (89%)
- Green (16%)
- Blue (69%)



- Red (89%)
- Yellow (16%)
- Blue (69%)



- Cyan (0%)
- Magenta (81%)
- Yellow (22%)
- Black (11%)





- Cyan (11%)
- Magenta (84%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.1278, 20.9990, 43.5332 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 40.1278, 20.9990, 43.5332 by changing the saturation by 10% instead.

 40.1278, 20.9990,
43.5332

 40.1278, 20.9990,
43.5332


337.7871,
257.2732, 376.7854

 27.8229, 13.1233,
29.9692


 74.6412, 45.0859,
81.8098


 18.3319, 7.5135,
19.5634


 97.5803, 62.0658,
107.3595


 11.2897, 3.7853,
11.8971


 124.7949, 82.8493,
137.7416

 6.3308, 1.5542,
6.5520

 156.6503,
107.8206, 173.3745

 3.0898, 0.3264,
3.1094

 193.5119,
137.3643, 214.6768

 1.2014, 0.0000,
1.1507

235.7450,

 0.1075, 0.0000,

171.8647, 262.0670

0.0000

283.7149,
211.7062, 315.9637

■ 0.0000, 0.0000,
0.0000

■ 40.1278, 20.9990,
43.5332

■ 40.1278, 20.9990,
43.5332

■ 38.9530, 19.5883,
40.2466

■ 41.7817, 23.3250,
47.1103

■ 38.2298, 18.9151,
37.6216

■ 43.9792, 26.6957,
51.0007

■ 46.7769, 31.2234,
55.2250

■ 50.2233, 37.0046,
59.8009

■ 54.3620, 44.1259,
64.7444

■ 59.2327, 52.6662,
70.0704

■ 64.8719, 62.6982,
75.7925

■ 71.3137, 74.2896,
81.9236

■ 78.5901, 87.5039,
88.4757

Harmonies

Analogous

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



32.7201, 20.9990, 82.6970



40.1278, 20.9990, 43.5332



41.3579, 20.9990, 15.5650

Triad

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



40.1278, 20.9990, 43.5332



17.2139, 20.9990, 0.6708



9.6917, 20.9990, 69.3890

Complementary

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



40.1278, 20.9990, 43.5332



30.0408, 55.6411, 19.0572

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.



7.6093, 20.9990, 32.1493



40.1278, 20.9990, 43.5332



11.0401, 20.9990, 2.2988

Square

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



40.1278, 20.9990, 43.5332



26.2601, 20.9990, 0.9360



8.0183, 20.9990, 10.0597



14.7562, 20.9990, 103.7053

Rectangle

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



40.1278, 20.9990, 43.5332



38.2253, 20.9990, 6.3343



8.0183, 20.9990, 10.0597



8.6975, 20.9990, 56.0177

Sweetspot

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



40.1285, 21.0001, 43.5336



76.0231, 65.9689, 90.1563



18.5815, 9.2232, 72.7528



15.7771, 13.2515, 18.7578



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.



40.1285, 21.0001, 43.5336



50.4206, 25.0208, 50.0012



33.9545, 18.5305, 11.0220



14.1310, 13.8701, 16.4603



21.8616, 10.8117, 21.7349



1.5518, 0.7640, 1.6987

Inverse Universe

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



40.1285, 21.0001, 43.5336



50.4206, 25.0208, 50.0012



36.3905, 58.1810, 52.4942



14.1310, 13.8701, 16.4603



21.8616, 10.8117, 21.7349



1.5518, 0.7640, 1.6987

Previews

White Background



This preview shows how the XYZ color 40.1278, 20.9990, 43.5332 looks on a white background.

Color Contrast Check

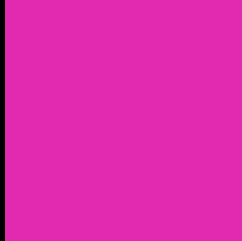
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 40.1278, 20.9990, 43.5332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

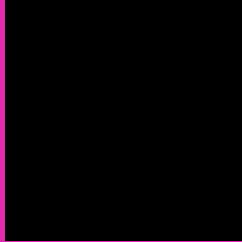
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.1278, 20.9990, 43.5332

Background



This preview shows how black text looks on a background with the XYZ color 40.1278, 20.9990, 43.5332.



This preview shows how white text looks on a background with the XYZ color 40.1278, 20.9990,

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

40.1278, 20.9990, 43.5332

Protanopia

24.8610, 21.5139, 85.2804

Deuteranopia

21.7799, 21.3088, 39.5243



Tritanopia

33.1992, 20.9787, 10.4831

Trichromacy



Original Color

40.1278, 20.9990, 43.5332



Protanomaly

24.5531, 17.1527, 67.6624



Deuteranomaly

25.3475, 18.2928, 40.7230



Tritanomaly

34.9200, 20.4371, 18.9339

Monochromacy



Original Color

40.1278, 20.9990, 43.5332



Achromatopsia

15.4009, 16.2029, 17.6450



Achromatomaly

20.9890, 15.3663, 25.1523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1278, 20.9990, 43.5332 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(226, 42, 177)` looks like.

```
.text, #text, p{  
    color:rgb(226, 42, 177)  
}
```

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(226, 42, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 42, 177) }
```

Border

The CSS property to change the border of an element to XYZ 40.1278, 20.9990, 43.5332 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(226, 42, 177) }
```


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

```
.border{ border-color:rgb(226, 42, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 42, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 42, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 42, 177);  
box-shadow:4px 4px 4px 4px rgb(226, 42,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1278, 20.9990, 43.5332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 42, 177) }
```

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

```
.background{ background-color: rgb(226, 42,  
177) }
```

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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