

Converting Colors

XYZ(44.3736, 21.4667, 66.6152)

Have a look what the booklet for
XYZ(44.3736, 21.4667, 66.6152)
contains.

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Color

**XYZ(44.4004, 21.4736,
66.7704)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E401D8 |
| RGB | 228, 1, 216 |
| RGB Percent | 89%, 0%, 85% |
| CMY | 0.1059, 0.9959, 0.1529 |
| CMYK | 0.00, 1.00, 0.05, 0.11 |
| HSL | 303°, 99%, 45% |
| HSV | 303°, 100%, 89% |
| XYZ | 44.4004, 21.4736, 66.7704 |
| YIQ | 93.3830, 66.2770, 114.9890 |

Conversions

Conversions Part 2

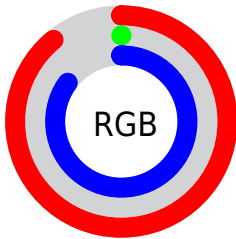
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 228, 1, 216 |
| Decimal | 14942680 |
| CIE Lab | 53.46, 88.55, -50.15 |
| CIE LCh | 53, 101.762, 330.473 |
| Yxy | 21.4736, 0.3347, 0.1619 |
| Android (android.graphics.Color) | 4293132760 (0xFFE401D8) |
| YUV | 93.3830, 60.4502, 118.0591 |
| Hunter-Lab | 46.3396, 89.9358, -52.9928 |

Details

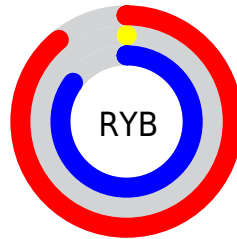
The XYZ color **44.4004, 21.4736, 66.7704** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **27.8296, 55.5232, 9.6325**, and the grayscale version is **10.3518, 10.8909, 11.8602**.

A 20% lighter version of the original color is **63.6577, 37.2154, 98.4359**, and **22.4936, 10.8629, 34.1689** is the 20% darker color. If you saturate the color by 10%, you get **44.3828, 21.4492, 66.7296**, and if you desaturate by 10%, it is **44.8698, 22.1614, 67.6988**.

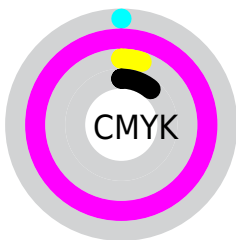
Distribution



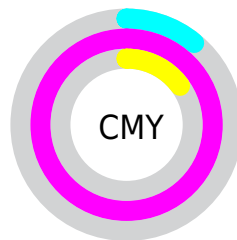
- Red (89%)
- Green (0%)
- Blue (85%)



- Red (89%)
- Yellow (0%)
- Blue (85%)



- Cyan (0%)
- Magenta (100%)
- Yellow (5%)
- Black (11%)



- Cyan (11%)
- Magenta (100%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4004, 21.4736, 66.7704 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 44.4004, 21.4736, 66.7704 by changing the saturation by 10% instead.


 44.4004, 21.4736,
66.7704

 44.4004, 21.4736,
66.7704


355.1644,
259.7848, 467.6063


 31.1847, 13.4706,
48.4376


 81.0625, 45.8744,
116.2289


 20.8920, 7.7534,
33.8111


 105.2396, 63.0410,
148.1917


 13.1571, 3.9376,
22.4724


 133.8013, 84.0310,
185.5349

 7.6146, 1.6387,
14.0028

 167.1127,
109.2287, 228.6771

 3.8990, 0.3835,
7.9838

 205.5394,
139.0186, 278.0368

 1.6452, 0.0000,
3.9970

249.4467,

 0.4216, 0.0000,

173.7849, 334.0325

1.6237

299.1999,
213.9122, 397.0828

■ 0.0000, 0.0000,
0.3076

■ 0.0000, 0.0000,
0.0000

■ 44.4004, 21.4736,
66.7704

■ 44.4004, 21.4736,
66.7704

■ 44.3828, 21.4492,
66.7296

■ 44.8698, 22.1614,
67.6988

■ 45.7063, 23.5821,
68.7552

■ 47.0182, 25.9519,
69.9756

■ 48.8709, 29.4014,
71.3820

■ 51.3193, 34.0406,
72.9927

■ 54.4119, 39.9661,
74.8238

■ 58.1918, 47.2646,
76.8898

■ 62.6988, 56.0153,
79.2038

■ 67.9694, 66.2912,
81.7780

Harmonies

Analogous

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



32.8871, 21.4736, 121.5467



44.4004, 21.4736, 66.7704



49.0932, 21.4736, 22.8926

Triad

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



44.4004, 21.4736, 66.7704



20.2387, 21.4736, 0.0000



7.2151, 21.4736, 68.5001

Complementary

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



44.4004, 21.4736, 66.7704



27.8296, 55.5232, 9.6325

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.



5.8715, 21.4736, 23.8765



44.4004, 21.4736, 66.7704



11.5709, 21.4736, 0.3128

Square

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



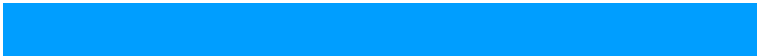
44.4004, 21.4736, 66.7704



32.4799, 21.4736, 0.2540



7.1295, 21.4736, 4.5915



11.7759, 21.4736, 123.0289

Rectangle

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



44.4004, 21.4736, 66.7704



46.7724, 21.4736, 8.1168



7.1295, 21.4736, 4.5915



6.4628, 21.4736, 51.0356

Sweetspot

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



44.4012, 21.4746, 66.7708



74.6656, 60.2623, 98.9261



14.1721, 5.7051, 73.7538



15.5206, 12.0075, 20.9261



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.



44.4012, 21.4746, 66.7708



57.1945, 27.6418, 85.9453



34.4634, 17.4995, 14.4389



14.9605, 14.6014, 17.9922



25.6423, 12.3911, 38.6067



1.9050, 0.9197, 2.9064

Inverse Universe

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



44.4012, 21.4746, 66.7708



57.1945, 27.6418, 85.9453



31.5142, 56.9971, 29.0350



14.9605, 14.6014, 17.9922



25.6423, 12.3911, 38.6067



1.9050, 0.9197, 2.9064

Previews

White Background



This preview shows how the XYZ color 44.4004, 21.4736, 66.7704 looks on a white background.

Color Contrast Check

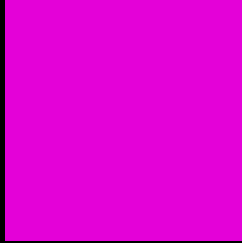
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.4004, 21.4736, 66.7704 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 44.4004, 21.4736, 66.7704

Background



This preview shows how black text looks on a background with the XYZ color 44.4004, 21.4736, 66.7704.



This preview shows how white text looks on a background with the XYZ color 44.4004, 21.4736,

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

44.4004, 21.4736, 66.7704

Protanopia

26.3799, 22.4008, 97.5412

Deuteranopia

22.7496, 22.1362, 59.5736



Tritanopia

33.1183, 21.6823, 12.1124

Trichromacy



Original Color

44.4004, 21.4736, 66.7704



Protanomaly

25.1763, 15.4032, 84.8653



Deuteranomaly

25.2177, 16.1641, 61.4654



Tritanomaly

35.2783, 19.6316, 25.2224

Monochromacy



Original Color

44.4004, 21.4736, 66.7704



Achromatopsia

10.4043, 10.9462, 11.9204



Achromatomaly

17.3586, 10.8175, 25.2178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4004, 21.4736, 66.7704 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, 1, 216)` looks like.

```
.text, #text, p{  
    color:rgb(228, 1, 216)  
}
```

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, 1, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 1, 216) }
```

Border

The CSS property to change the border of an element to XYZ 44.4004, 21.4736, 66.7704 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, 1, 216) }
```


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

```
.border{ border-color:rgb(228, 1, 216) }
```

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

Here you see how a box with a 4 pixel rgb(228, 1, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 1, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 1, 216);  
box-shadow:4px 4px 4px 4px rgb(228, 1,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4004, 21.4736, 66.7704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 1, 216) }
```

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

```
.background{ background-color: rgb(228, 1,  
216) }
```

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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