

Converting Colors

XYZ(44.3755, 21.5621, 63.1895)

Have a look what the booklet for
XYZ(44.3755, 21.5621, 63.1895)
contains.

XYZ(44.4127, 21.5696, 63.4505)	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(44.4127, 21.5696,
63.4505)**

Conversions

Conversions Part 1

Format	Color
Hex	E602D3
RGB	230, 2, 211
RGB Percent	90%, 1%, 83%
CMY	0.0980, 0.9920, 0.1725
CMYK	0.00, 0.99, 0.08, 0.10
HSL	305°, 98%, 45%
HSV	305°, 99%, 90%
XYZ	44.4127, 21.5696, 63.4505
YIQ	93.9980, 68.7990, 113.3350

Conversions

Conversions Part 2

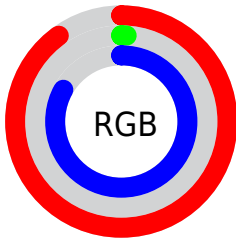
Format	Color
R_{YB}	230, 2, 211
Decimal	15074003
CIE Lab	53.57, 88.14, -47.11
CIE LCh	54, 99.936, 331.875
Yxy	21.5696, 0.3431, 0.1666
Android (android.graphics.Color)	4293264083 (0xFFE602D3)
YUV	93.9980, 57.6820, 119.2738
Hunter-Lab	46.4431, 89.4210, -48.4918

Details

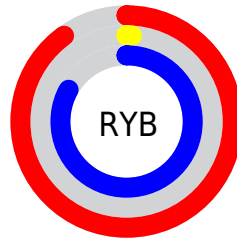
The XYZ color **44.4127, 21.5696, 63.4505** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **28.4584, 56.6617, 10.1484**, and the grayscale version is **10.5015, 11.0484, 12.0317**.

A 20% lighter version of the original color is **63.7518, 37.4037, 98.4673**, and **22.3629, 10.8353, 32.3653** is the 20% darker color. If you saturate the color by 10%, you get **44.3700, 21.5178, 63.3312**, and if you desaturate by 10%, it is **44.9817, 22.3201, 64.8332**.

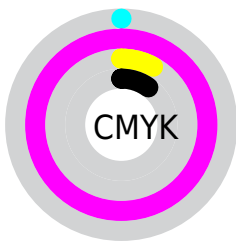
Distribution



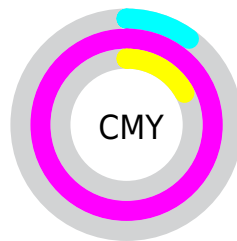
- Red (90%)
- Green (1%)
- Blue (83%)



- Red (90%)
- Yellow (1%)
- Blue (83%)



- Cyan (0%)
- Magenta (99%)
- Yellow (8%)
- Black (10%)





- Cyan (10%)
- Magenta (99%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4127, 21.5696, 63.4505 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 44.4127, 21.5696, 63.4505 by changing the saturation by 10% instead.


 44.4127, 21.5696,
63.4505


 44.4127, 21.5696,
63.4505


355.2136,
260.2903, 455.3555

 31.1944, 13.5410,
45.7624


 81.0809, 46.0336,
111.4110

 20.8995, 7.8021,
31.7111


 105.2615, 63.2378,
142.5206


 13.1626, 3.9686,
20.8779


 133.8269, 84.2693,
178.9410

 7.6184, 1.6560,
12.8444

 167.1425,
109.5125, 221.0908

 3.9015, 0.3949,
7.1920

 205.5736,
139.3518, 269.3887

 1.6465, 0.0000,
3.5022

249.4856,

 0.4225, 0.0000,

174.1716, 324.2530

1.3564

299.2438,
214.3563, 386.1025

■ 0.0000, 0.0000,
0.1074

■ 0.0000, 0.0000,
0.0000

■ 44.4127, 21.5696,
63.4505

■ 44.4127, 21.5696,
63.4505

■ 44.3700, 21.5178,
63.3312

■ 44.9817, 22.3201,
64.8332

■ 45.9366, 23.8383,
66.3587

■ 47.3815, 26.3319,
68.0616

■ 49.3825, 29.9332,
69.9643

■ 51.9957, 34.7541,
72.0853

■ 55.2701, 40.8928,
74.4412

■ 59.2499, 48.4374,
77.0465

■ 63.9752, 57.4686,
79.9149

■ 69.4834, 68.0608,
83.0588

Harmonies

Analogous

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



33.3422, 21.5696, 116.9289



44.4127, 21.5696, 63.4505



48.5699, 21.5696, 21.6167

Triad

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



44.4127, 21.5696, 63.4505



19.8379, 21.5696, 0.0000



7.5562, 21.5696, 70.1252

Complementary

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



44.4127, 21.5696, 63.4505



28.4584, 56.6617, 10.1484

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.



6.0809, 21.5696, 25.4592



44.4127, 21.5696, 63.4505



11.4703, 21.5696, 0.5237

Square

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



44.4127, 21.5696, 63.4505



31.7614, 21.5696, 0.2951



7.2166, 21.5696, 5.2586



12.2772, 21.5696, 122.6192

Rectangle

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



44.4127, 21.5696, 63.4505



46.0128, 21.5696, 7.7007



7.2166, 21.5696, 5.2586



6.7559, 21.5696, 52.8503

Sweetspot

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



44.4135, 21.5707, 63.4509



74.3003, 60.1162, 97.0026



14.6153, 5.9174, 75.2355



15.4318, 11.9720, 20.4584



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.



44.4135, 21.5707, 63.4509



56.0547, 27.1859, 79.9432



34.8145, 17.7310, 12.9029



14.9406, 14.5934, 17.8874



25.1418, 12.1909, 35.9711



1.8733, 0.9070, 2.7392

Inverse Universe

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



44.4135, 21.5707, 63.4509



56.0547, 27.1859, 79.9432



32.6971, 58.3572, 32.4691



14.9406, 14.5934, 17.8874



25.1418, 12.1909, 35.9711



1.8733, 0.9070, 2.7392

Previews

White Background



This preview shows how the XYZ color 44.4127, 21.5696, 63.4505 looks on a white background.

Color Contrast Check

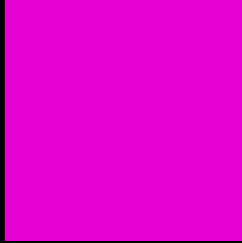
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.4127, 21.5696, 63.4505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

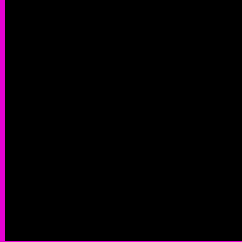
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 44.4127, 21.5696, 63.4505

Background



This preview shows how black text looks on a background with the XYZ color 44.4127, 21.5696, 63.4505.



This preview shows how white text looks on a background with the XYZ color 44.4127, 21.5696,

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

44.4127, 21.5696, 63.4505

Protanopia

26.4658, 22.4451, 97.5452

Deuteranopia

22.7626, 22.2106, 56.5134



Tritanopia

33.7682, 21.7965, 11.6599

Trichromacy



Original Color

44.4127, 21.5696, 63.4505



Protanomaly

25.1307, 15.4141, 83.3120



Deuteranomaly

25.3743, 16.4276, 58.3334



Tritanomaly

35.6770, 19.8614, 24.1435

Monochromacy



Original Color

44.4127, 21.5696, 63.4505



Achromatopsia

10.6392, 11.1932, 12.1894



Achromatomaly

17.5118, 10.9833, 24.8639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4127, 21.5696, 63.4505 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(230, 2, 211)` looks like.

```
.text, #text, p{  
    color:rgb(230, 2, 211)  
}
```

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(230, 2, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 2, 211) }
```

Border

The CSS property to change the border of an element to XYZ 44.4127, 21.5696, 63.4505 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(230, 2, 211) }
```


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

```
.border{ border-color:rgb(230, 2, 211) }
```

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

Here you see how a box with a 4 pixel rgb(230, 2, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 2, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 2, 211);  
box-shadow:4px 4px 4px 4px rgb(230, 2,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4127, 21.5696, 63.4505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 2, 211) }
```

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

```
.background{ background-color: rgb(230, 2,  
211) }
```

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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