

Converting Colors

XYZ(43.2011, 21.1019, 66.0758)

Have a look what the booklet for
XYZ(43.2011, 21.1019, 66.0758)
contains.

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Color

**XYZ(43.1770, 21.0952,
66.0861)**

Conversions

Conversions Part 1

Format	Color
Hex	E00FD7
RGB	224, 15, 215
RGB Percent	88%, 6%, 84%
CMY	0.1216, 0.9411, 0.1569
CMYK	0.00, 0.93, 0.04, 0.12
HSL	303°, 87%, 47%
HSV	303°, 93%, 88%
XYZ	43.1770, 21.0952, 66.0861
YIQ	100.2910, 60.3640, 106.5080

Conversions

Conversions Part 2

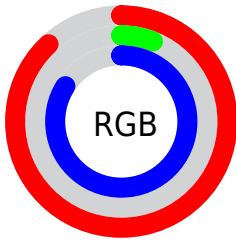
Format	Color
R_{YB}	224, 15, 215
Decimal	14684119
CIE _{Lab}	53.05, 86.72, -50.28
CIE _{LCh}	53, 100.239, 329.896
Yxy	21.0952, 0.3312, 0.1618
Android (android.graphics.Color)	4292874199 (0xFFE00FD7)
YUV	100.2910, 56.5515, 108.4928
Hunter-Lab	45.9295, 87.4260, -53.1593

Details

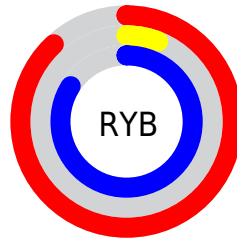
The XYZ color **43.1770, 21.0952, 66.0861** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **27.0186, 53.4798, 9.7643**, and the grayscale version is **12.0407, 12.6678, 13.7952**.

A 20% lighter version of the original color is **63.9437, 37.7874, 98.5312**, and **21.5679, 10.3957, 33.6707** is the 20% darker color. If you saturate the color by 10%, you get **42.9236, 20.7206, 65.5922**, and if you desaturate by 10%, it is **43.8059, 22.1534, 66.9094**.

Distribution



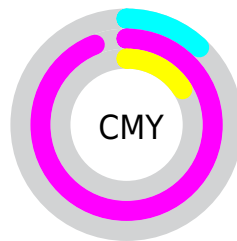
- Red (88%)
- Green (6%)
- Blue (84%)



- Red (88%)
- Yellow (6%)
- Blue (84%)



- Cyan (0%)
- Magenta (93%)
- Yellow (4%)
- Black (12%)





- Cyan (12%)
- Magenta (94%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1770, 21.0952, 66.0861 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 43.1770, 21.0952, 66.0861 by changing the saturation by 10% instead.

 43.1770, 21.0952,
66.0861

 43.1770, 21.0952,
66.0861


350.2484,
257.7840, 465.0974


 30.2191, 13.1936,
47.8854

 79.2319, 45.2459,
115.2381

 20.1539, 7.5620,
33.3768


 103.0597, 62.2638,
147.0264


 12.6159, 3.8160,
22.1418


 131.2415, 83.0893,
184.1810

 7.2397, 1.5712,
13.7618

 164.1427,
108.1068, 227.1205

 3.6601, 0.3380,
7.8183

 202.1286,
137.7006, 276.2633

 1.5117, 0.0000,
3.8928

245.5647,

 0.3338, 0.0000,

172.2551, 332.0280

1.5667

294.8161,
212.1548, 394.8332

■ 0.0000, 0.0000,
0.2669

■ 0.0000, 0.0000,
0.0000

■ 43.1770, 21.0952,
66.0861

■ 43.1770, 21.0952,
66.0861

■ 42.9236, 20.7206,
65.5922

■ 43.8059, 22.1534,
66.9094

■ 44.8629, 24.0672,
67.8788

■ 46.4164, 26.9728,
69.0174

■ 48.5222, 30.9819,
70.3437

51.2288, 36.1913,
71.8739

54.5791, 42.6871,
73.6223

58.6124, 50.5477,
75.6020

63.3647, 59.8451,
77.8250

68.8695, 70.6462,
80.3025

Harmonies

Analogous

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



31.9368, 21.0952, 118.9071



43.1770, 21.0952, 66.0861



47.8956, 21.0952, 23.0747

Triad

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



43.1770, 21.0952, 66.0861



20.0872, 21.0952, 0.0000



7.1170, 21.0952, 65.7174

Complementary

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



43.1770, 21.0952, 66.0861



27.0186, 53.4798, 9.7643

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.



5.8493, 21.0952, 22.8638



43.1770, 21.0952, 66.0861



11.5536, 21.0952, 0.3196

Square

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



43.1770, 21.0952, 66.0861



32.0238, 21.0952, 0.3323



7.1354, 21.0952, 4.4286



11.5095, 21.0952, 118.5919

Rectangle

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



43.1770, 21.0952, 66.0861



45.7674, 21.0952, 8.3423



7.1354, 21.0952, 4.4286



6.3975, 21.0952, 48.9096

Sweetspot

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



43.1778, 21.0962, 66.0865



75.8563, 62.3985, 100.0790



13.9566, 5.8948, 70.9241



15.7513, 12.4114, 21.1801



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.



43.1778, 21.0962, 66.0865



57.5717, 27.7927, 87.9315



33.8673, 17.3720, 17.0579



14.2682, 13.9249, 17.1824



24.9958, 12.0653, 38.2390



1.7406, 0.8395, 2.6928

Inverse Universe

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



43.1778, 21.0962, 66.0865



57.5717, 27.7927, 87.9315



30.6504, 54.9325, 28.8890



14.2682, 13.9249, 17.1824



24.9958, 12.0653, 38.2390



1.7406, 0.8395, 2.6928

Previews

White Background



This preview shows how the XYZ color 43.1770, 21.0952, 66.0861 looks on a white background.

Color Contrast Check

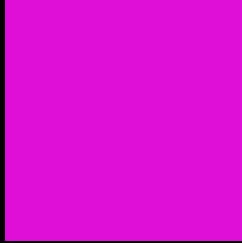
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.1770, 21.0952, 66.0861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

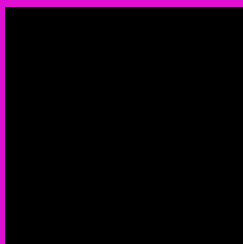
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.1770, 21.0952, 66.0861

Background



This preview shows how black text looks on a background with the XYZ color 43.1770, 21.0952, 66.0861.



This preview shows how white text looks on a background with the XYZ color 43.1770, 21.0952,

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

43.1770, 21.0952, 66.0861

Protanopia

25.8605, 21.7610, 97.4450

Deuteranopia

22.2176, 21.6810, 58.8910



Tritanopia

32.0008, 21.1012, 12.2838

Trichromacy



Original Color

43.1770, 21.0952, 66.0861



Protanomaly

24.6074, 15.5750, 84.1474



Deuteranomaly

24.8240, 16.5556, 60.9187



Tritanomaly

34.3787, 19.6082, 25.2654

Monochromacy



Original Color

43.1770, 21.0952, 66.0861



Achromatopsia

12.1130, 12.7438, 13.8780



Achromatomaly

18.6877, 12.2290, 26.9667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1770, 21.0952, 66.0861 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, 15, 215)` looks like.

```
.text, #text, p{  
    color:rgb(224, 15, 215)  
}
```

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, 15, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 15, 215) }
```

Border

The CSS property to change the border of an element to XYZ 43.1770, 21.0952, 66.0861 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, 15, 215) }
```


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

```
.border{ border-color:rgb(224, 15, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 15, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 15, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 15, 215);  
box-shadow:4px 4px 4px 4px rgb(224, 15,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1770, 21.0952, 66.0861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 15, 215) }
```

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

```
.background{ background-color: rgb(224, 15,  
215) }
```

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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