

Converting Colors

XYZ(43.0088, 21.9675, 11.2445)

Have a look what the booklet for
XYZ(43.0088, 21.9675, 11.2445)
contains.

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Color

**XYZ(43.0015, 21.9646,
11.2057)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0058
RGB	255, 0, 88
RGB Percent	100%, 0%, 35%
CMY	0.0000, 0.9997, 0.6549
CMYK	0.00, 1.00, 0.65, 0.00
HSL	339°, 100%, 50%
HSV	339°, 100%, 100%
XYZ	43.0015, 21.9646, 11.2057
YIQ	86.2770, 123.7320, 81.4280

Conversions

Conversions Part 2

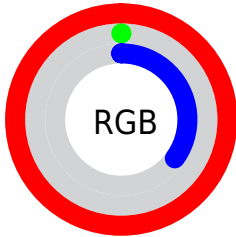
Format	Color
RYB	255, 0, 88
Decimal	16711768
CIELab	53.99, 82.16, 26.95
CIELCh	54, 86.469, 18.158
Yxy	21.9646, 0.5645, 0.2884
Android (android.graphics.Color)	4294901848 (0xFFFF0058)
YUV	86.2770, 0.8494, 147.9701
Hunter-Lab	46.8664, 81.7635, 18.6303

Details

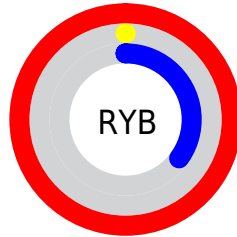
The XYZ color **43.0015, 21.9646, 11.2057** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated red. A complement of this color would be **42.7420, 74.3126, 48.6830**, and the grayscale version is **8.8921, 9.3552, 10.1878**.

A 20% lighter version of the original color is **50.1230, 31.8015, 27.1634**, and **21.6898, 11.1290, 3.3878** is the 20% darker color. If you saturate the color by 10%, you get **42.9994, 21.9637, 11.1960**, and if you desaturate by 10%, it is **44.1344, 22.9936, 15.3973**.

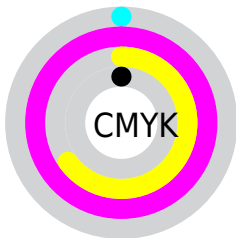
Distribution



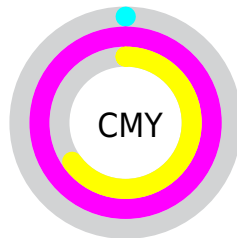
- Red (100%)
- Green (0%)
- Blue (35%)



- Red (100%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (65%)
- Black (0%)





- Cyan (0%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0015, 21.9646, 11.2057 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 43.0015, 21.9646, 11.2057 by changing the saturation by 10% instead.


 43.0015, 21.9646,
11.2057

 43.0015, 21.9646,
11.2057


349.5393,
262.3614, 209.8612


 30.0808, 13.8309,
6.0895


 78.9688, 46.6875,
28.6824

 20.0483, 8.0031,
2.8299


 102.7462, 64.0454,
41.8799


 12.5386, 4.0970,
1.0084


 130.8731, 85.2469,
58.6082

 7.1864, 1.7279,
0.0000

 163.7150,
110.6764, 79.2859

 3.6263, 0.4417,
0.0000

 201.6373,
140.7181, 104.3315

 1.4930, 0.0000,
0.0000

245.0051,

 0.3211, 0.0000,

175.7566, 134.1636

0.0000

294.1841,
216.1762, 169.2006

■ 0.0000, 0.0000,
0.0000

■ 43.0015, 21.9646,
11.2057

■ 43.0015, 21.9646,
11.2057

■ 42.9994, 21.9637,
11.1960

■ 44.1344, 22.9936,
15.3973

■ 45.9030, 25.0241,
20.6318

■ 48.4593, 28.3457,
27.0051

■ 51.8990, 33.1365,
34.5909

■ 56.3034, 39.5461,
43.4553

■ 61.7438, 47.7053,
53.6590

■ 68.2846, 57.7317,
65.2584

■ 75.9849, 69.7324,
78.3063

■ 84.8992, 83.8064,
92.8526

Harmonies

Analogous

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



43.8354, 21.9646, 36.0940



43.0015, 21.9646, 11.2057



35.2874, 21.9646, 2.4229

Triad

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



43.0015, 21.9646, 11.2057



10.1556, 21.9646, 3.4015



17.4051, 21.9646, 117.7699

Complementary

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



43.0015, 21.9646, 11.2057



42.7420, 74.3126, 48.6830

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.



11.0454, 21.9646, 86.3001



43.0015, 21.9646, 11.2057



7.7752, 21.9646, 14.8405

Square

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



43.0015, 21.9646, 11.2057



15.7673, 21.9646, 0.7636



8.0431, 21.9646, 43.7809



26.9854, 21.9646, 113.5778

Rectangle

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



43.0015, 21.9646, 11.2057



28.2932, 21.9646, 0.8966



8.0431, 21.9646, 43.7809



14.8847, 21.9646, 110.4131

Sweetspot

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



43.0020, 21.9660, 11.2060



68.2658, 57.7024, 65.2256



33.7291, 15.3040, 95.7835



13.9921, 11.3961, 12.8774



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.



43.0020, 21.9660, 11.2060



42.9996, 21.9638, 11.1960



41.9432, 22.6661, 2.1663



18.2680, 18.0905, 20.0283



22.5312, 11.5018, 6.1817



2.2428, 1.1395, 0.8602

Inverse Universe

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



43.0020, 21.9660, 11.2060



42.9996, 21.9638, 11.1960



42.8018, 56.7224, 103.2999



18.2680, 18.0905, 20.0283



22.5312, 11.5018, 6.1817



2.2428, 1.1395, 0.8602

Previews

White Background



This preview shows how the XYZ color 43.0015, 21.9646, 11.2057 looks on a white background.

Color Contrast Check

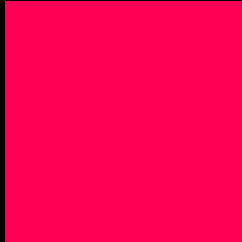
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.0015, 21.9646, 11.2057 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 43.0015, 21.9646, 11.2057

Background



This preview shows how black text looks on a background with the XYZ color 43.0015, 21.9646, 11.2057.



This preview shows how white text looks on a background with the XYZ color 43.0015, 21.9646,

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

43.0015, 21.9646, 11.2057

Protanopia

21.6179, 22.5368, 23.9795

Deuteranopia

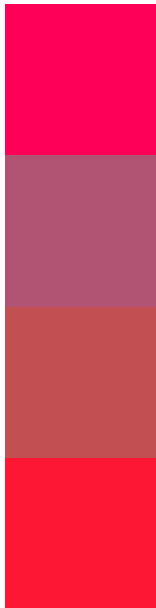
22.8453, 22.3221, 10.1257



Tritanopia

41.3862, 22.2433, 3.4084

Trichromacy



Original Color

43.0015, 21.9646, 11.2057

Protanomaly

24.2620, 16.7485, 17.8736

Deuteranomaly

26.5293, 17.6554, 9.7942

Tritanomaly

41.7993, 21.9316, 5.2790

Monochromacy



Original Color

43.0015, 21.9646, 11.2057

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

15.1191, 9.6235, 10.0775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0015, 21.9646, 11.2057 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(255, 0, 88)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 88)  
}
```

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(255, 0, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 88) }
```

Border

The CSS property to change the border of an element to XYZ 43.0015, 21.9646, 11.2057 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(255, 0, 88) }
```


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

```
.border{ border-color:rgb(255, 0, 88) }
```

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

Here you see how a box with a 4 pixel rgb(255, 0, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 88);  
box-shadow:4px 4px 4px 4px rgb(255, 0, 88)  
}
```

Background

The CSS property to change the background color of an element to XYZ 43.0015, 21.9646, 11.2057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 88) }
```

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

```
.background{ background-color: rgb(255, 0,  
88) }
```

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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