

Converting Colors

XYZ(43.4775, 22.1993, 13.5761)

Have a look what the booklet for
XYZ(43.4775, 22.1993, 13.5761)
contains.

XYZ(43.4772, 22.2070, 13.5501)	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(43.4772, 22.2070,
13.5501)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0362
RGB	255, 3, 98
RGB Percent	100%, 1%, 38%
CMY	0.0000, 0.9880, 0.6157
CMYK	0.00, 0.99, 0.62, 0.00
HSL	337°, 100%, 51%
HSV	337°, 99%, 100%
XYZ	43.4772, 22.2070, 13.5501
YIQ	89.1780, 119.6970, 82.9690

Conversions

Conversions Part 2

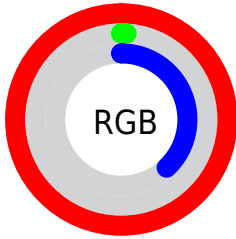
Format	Color
R_{YB}	255, 3, 98
Decimal	16712546
CIE _{Lab}	54.25, 82.47, 21.26
CIE _{LCh}	54, 85.164, 14.457
Yxy	22.2070, 0.5487, 0.2803
Android (android.graphics.Color)	4294902626 (0xFFFF0362)
YUV	89.1780, 4.3492, 145.4259
Hunter-Lab	47.1243, 82.2178, 15.9388

Details

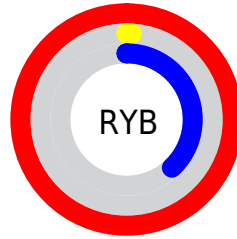
The XYZ color **43.4772, 22.2070, 13.5501** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **42.1494, 74.0799, 45.3666**, and the grayscale version is **9.5155, 10.0110, 10.9020**.

A 20% lighter version of the original color is **51.0471, 32.3218, 31.5652**, and **21.8550, 11.1951, 4.2578** is the 20% darker color. If you saturate the color by 10%, you get **43.3552, 22.1060, 13.0693**, and if you desaturate by 10%, it is **44.6998, 23.3301, 18.0344**.

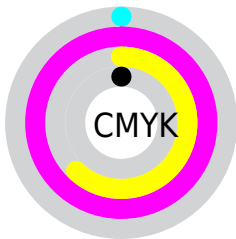
Distribution



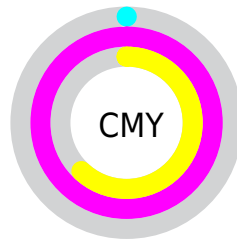
- Red (100%)
- Green (1%)
- Blue (38%)



- Red (100%)
- Yellow (1%)
- Blue (38%)



- Cyan (0%)
- Magenta (99%)
- Yellow (62%)
- Black (0%)





- Cyan (0%)
- Magenta (99%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4772, 22.2070, 13.5501 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 43.4772, 22.2070, 13.5501 by changing the saturation by 10% instead.

 43.4772, 22.2070,
13.5501

 43.4772, 22.2070,
13.5501

351.4589,
263.6254, 225.7440


 30.4559, 14.0091,
7.6733


 79.6817, 47.0879,
32.9941

 20.3346, 8.1270,
3.8018


 103.5956, 64.5396,
47.3984


 12.7482, 4.1763,
1.5173


 131.8710, 85.8448,
65.4823

 7.3312, 1.7727,
0.2307

 164.8734,
111.3877, 87.6643

 3.7182, 0.4701,
0.0000

 202.9680,
141.5529, 114.3629

 1.5440, 0.0000,
0.0000

246.5202,

 0.3555, 0.0000,

176.7246, 145.9967

0.0000

295.8954,
217.2873, 182.9842

■ 0.0000, 0.0000,
0.0000

■ 43.4772, 22.2070,
13.5501

■ 43.4772, 22.2070,
13.5501

■ 43.3552, 22.1060,
13.0693

■ 44.6998, 23.3301,
18.0344

■ 46.5769, 25.5105,
23.5118

■ 49.2400, 28.9995,
30.0635

■ 52.7814, 33.9703,
37.7551

■ 57.2797, 40.5695,
46.6455

■ 62.8043, 48.9258,
56.7890

■ 69.4178, 59.1548,
68.2359

■ 77.1776, 71.3622,
81.0336

■ 86.1371, 85.6460,
95.2270

Harmonies

Analogous

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



43.3359, 22.2070, 40.5848



43.4772, 22.2070, 13.5501



36.5427, 22.2070, 3.1608

Triad

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



43.4772, 22.2070, 13.5501



10.9291, 22.2070, 2.9880



16.6853, 22.2070, 114.1315

Complementary

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



43.4772, 22.2070, 13.5501



42.1494, 74.0799, 45.3666

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.



10.7759, 22.2070, 80.3859



43.4772, 22.2070, 13.5501



8.1779, 22.2070, 12.9253

Square

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



43.4772, 22.2070, 13.5501



16.9656, 22.2070, 0.7733



8.1315, 22.2070, 39.2802



25.8731, 22.2070, 114.8370

Rectangle

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



43.4772, 22.2070, 13.5501



29.7557, 22.2070, 1.1811



8.1315, 22.2070, 39.2802



14.3212, 22.2070, 105.5754

Sweetspot

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



43.4777, 22.2084, 13.5504



68.5625, 57.8211, 66.7878



32.2678, 14.5990, 95.7245



14.0614, 11.4238, 13.2422



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.



43.4777, 22.2084, 13.5504



43.3554, 22.1061, 13.0693



41.7856, 22.3247, 2.1949



18.2925, 18.1003, 20.1574



22.7206, 11.5775, 7.1793



2.2632, 1.1477, 0.9676

Inverse Universe

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



43.4777, 22.2084, 13.5504



43.3554, 22.1061, 13.0693



45.1781, 61.4193, 104.0813



18.2925, 18.1003, 20.1574



22.7206, 11.5775, 7.1793



2.2632, 1.1477, 0.9676

Previews

White Background



This preview shows how the XYZ color 43.4772, 22.2070, 13.5501 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 43.4772, 22.2070, 13.5501 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 43.4772, 22.2070, 13.5501

Background



This preview shows how black text looks on a background with the XYZ color 43.4772, 22.2070, 13.5501.



This preview shows how white text looks on a background with the XYZ color 43.4772, 22.2070,

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

43.4772, 22.2070, 13.5501

Protanopia

22.1465, 22.6943, 29.1998

Deuteranopia

22.9585, 22.5234, 12.1542



Tritanopia

41.5675, 22.4673, 3.8960

Trichromacy



Original Color

43.4772, 22.2070, 13.5501



Protanomaly

24.6803, 16.9869, 22.0567



Deuteranomaly

26.8231, 17.9776, 11.9538



Tritanomaly

42.0319, 22.1254, 6.1930

Monochromacy



Original Color

43.4772, 22.2070, 13.5501



Achromatopsia

9.4954, 9.9899, 10.8790



Achromatomaly

15.8392, 10.1884, 11.2569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4772, 22.2070, 13.5501 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, 3, 98)` looks like.

```
.text, #text, p{  
    color:rgb(255, 3, 98)  
}
```

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, 3, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 3, 98) }
```

Border

The CSS property to change the border of an element to XYZ 43.4772, 22.2070, 13.5501 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, 3, 98) }
```


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

```
.border{ border-color:rgb(255, 3, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 3, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 3, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 3, 98);  
box-shadow:4px 4px 4px 4px rgb(255, 3, 98)  
}
```

Background

The CSS property to change the background color of an element to XYZ 43.4772, 22.2070, 13.5501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 3, 98) }
```

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

```
.background{ background-color: rgb(255, 3,  
98) }
```

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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