

Converting Colors

XYZ(43.2153, 22.9104, 56.1773)

Have a look what the booklet for
XYZ(43.2153, 22.9104, 56.1773)
contains.

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Color

**XYZ(43.2153, 22.9104,
56.1773)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E334C7 |
| RGB | 227, 52, 199 |
| RGB Percent | 89%, 20%, 78% |
| CMY | 0.1098, 0.7960, 0.2196 |
| CMYK | 0.00, 0.77, 0.12, 0.11 |
| HSL | 310°, 76%, 55% |
| HSV | 310°, 77%, 89% |
| XYZ | 43.2153, 22.9104, 56.1773 |
| YIQ | 121.0830, 57.1130, 82.8170 |

Conversions

Conversions Part 2

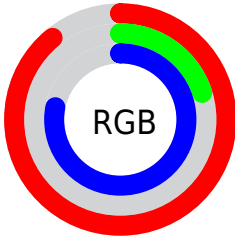
| Format | Color |
|-------------------------------------|--|
| RYB | 227, 52, 199 |
| Decimal | 14890183 |
| CIELab | 54.98, 78.53, -38.03 |
| CIELCh | 55, 87.253, 334.160 |
| Yxy | 22.9104, 0.3533, 0.1873 |
| Android (android.graphics.Color) | 4293080263 (0xFFE334C7) |
| YUV | 121.0830, 38.4131, 92.8892 |
| Hunter-Lab | 47.8648, 77.3974, -36.0813 |

Details

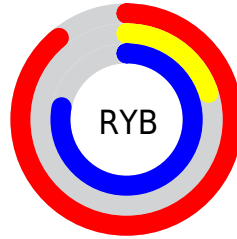
The XYZ color **43.2153, 22.9104, 56.1773** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **30.3344, 56.2483, 16.8498**, and the grayscale version is **18.0695, 19.0105, 20.7025**.

A 20% lighter version of the original color is **65.6513, 41.2026, 99.1004**, and **21.0472, 10.2598, 27.6591** is the 20% darker color. If you saturate the color by 10%, you get **42.0178, 21.1819, 53.7222**, and if you desaturate by 10%, it is **44.9111, 25.6184, 58.8485**.

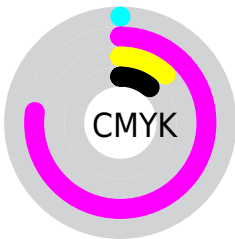
Distribution



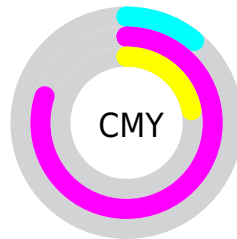
- Red (89%)
- Green (20%)
- Blue (78%)



- Red (89%)
- Yellow (20%)
- Blue (78%)



- Cyan (0%)
- Magenta (77%)
- Yellow (12%)
- Black (11%)





- Cyan (11%)
- Magenta (80%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2153, 22.9104, 56.1773 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 43.2153, 22.9104, 56.1773 by changing the saturation by 10% instead.

 43.2153, 22.9104,
56.1773


 43.2153, 22.9104,
56.1773

350.4030,
267.2645, 427.7664


 30.2493, 14.5274,
39.9401


 79.2893, 48.2462,
100.7521


 20.1769, 8.4884,
27.1784


 103.1281, 65.9677,
129.9269


 12.6327, 4.4090,
17.4737


 131.3219, 87.5708,
164.2513

 7.2514, 1.9049,
10.4073

 164.2360,
113.4399, 204.1438

 3.6675, 0.5513,
5.5607

 202.2358,
143.9595, 250.0231

 1.5158, 0.0000,
2.5154

245.6867,

 0.3366, 0.0000,

179.5138, 302.3076

0.8483

294.9539,
220.4873, 361.4158

■ 0.0000, 0.0000,
0.0000

■ 43.2153, 22.9104,
56.1773

■ 43.2153, 22.9104,
56.1773

■ 42.0178, 21.1819,
53.7222

■ 44.9111, 25.6184,
58.8485

■ 41.2357, 20.2686,
51.4548

■ 47.1644, 29.4257,
61.7553

■ 41.0473, 20.0784,
50.8168

■ 50.0287, 34.4388,
64.9162

■ 53.5505, 40.7504,
68.3469

■ 57.7718, 48.4444,
72.0618

62.7309, 57.5974,
76.0739

68.4635, 68.2806,
80.3956

75.0029, 80.5605,
85.0380

81.9604, 93.6596,
89.8722

Harmonies

Analogous

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



34.0012, 22.9104, 100.2665



43.2153, 22.9104, 56.1773



46.1434, 22.9104, 21.2720

Triad

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



43.2153, 22.9104, 56.1773



20.4520, 22.9104, 0.5432



9.7112, 22.9104, 68.4994

Complementary

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



43.2153, 22.9104, 56.1773



30.3344, 56.2483, 16.8498

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.



7.9784, 22.9104, 29.0194



43.2153, 22.9104, 56.1773



12.9004, 22.9104, 1.7197

Square

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



43.2153, 22.9104, 56.1773



30.9472, 22.9104, 1.1476



8.9436, 22.9104, 8.1678



14.6229, 22.9104, 110.3721

Rectangle

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



43.2153, 22.9104, 56.1773



43.5811, 22.9104, 8.8604



8.9436, 22.9104, 8.1678



8.8166, 22.9104, 53.7754

Sweetspot

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



43.2161, 22.9115, 56.1777



77.6345, 67.5282, 95.8220



18.2569, 9.6338, 73.5708



16.1366, 13.5701, 20.1122



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.



43.2161, 22.9115, 56.1777



53.9852, 26.7003, 67.9904



35.9024, 19.9861, 17.6643



14.8908, 14.5735, 17.6255



23.9751, 11.7242, 29.8274



1.7983, 0.8770, 2.3446

Inverse Universe

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



43.2161, 22.9115, 56.1777



53.9852, 26.7003, 67.9904



35.7464, 58.4131, 45.3492



14.8908, 14.5735, 17.6255



23.9751, 11.7242, 29.8274



1.7983, 0.8770, 2.3446

Previews

White Background



This preview shows how the XYZ color 43.2153, 22.9104, 56.1773 looks on a white background.

Color Contrast Check

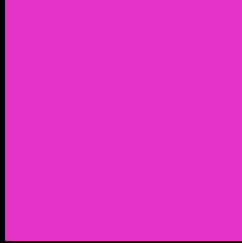
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.2153, 22.9104, 56.1773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

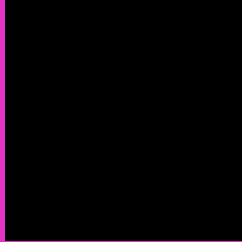
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.2153, 22.9104, 56.1773

Background



This preview shows how black text looks on a background with the XYZ color 43.2153, 22.9104, 56.1773.



This preview shows how white text looks on a background with the XYZ color 43.2153, 22.9104,

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

43.2153, 22.9104, 56.1773

Protanopia

27.4565, 23.5282, 97.7020

Deuteranopia

23.7489, 23.2429, 50.8116



Tritanopia

34.3370, 22.8903, 13.4350

Trichromacy



Original Color

43.2153, 22.9104, 56.1773



Protanomaly

27.1603, 19.0344, 80.8398



Deuteranomaly

27.4027, 20.0808, 52.3009



Tritanomaly

36.6369, 22.2345, 24.5510

Monochromacy



Original Color

43.2153, 22.9104, 56.1773



Achromatopsia

18.1737, 19.1202, 20.8219



Achromatomaly

24.1049, 18.0093, 30.6394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2153, 22.9104, 56.1773 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(227, 52, 199)` looks like.

```
.text, #text, p{  
    color:rgb(227, 52, 199)  
}
```

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(227, 52, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 52, 199) }
```

Border

The CSS property to change the border of an element to XYZ 43.2153, 22.9104, 56.1773 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(227, 52, 199) }
```


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

```
.border{ border-color:rgb(227, 52, 199) }
```

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

Here you see how a box with a 4 pixel rgb(227, 52, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 52, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 52, 199);  
box-shadow:4px 4px 4px 4px rgb(227, 52,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2153, 22.9104, 56.1773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 52, 199) }
```

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

```
.background{ background-color: rgb(227, 52,  
199) }
```

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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