

Converting Colors

XYZ(43.5548, 23.4622, 54.5578)

Have a look what the booklet for
XYZ(43.5548, 23.4622, 54.5578)
contains.

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Color

**XYZ(43.4218, 23.4058,
54.4537)**

Conversions

Conversions Part 1

Format	Color
Hex	E439C4
RGB	228, 57, 196
RGB Percent	89%, 22%, 77%
CMY	0.1059, 0.7764, 0.2314
CMYK	0.00, 0.75, 0.14, 0.11
HSL	311°, 76%, 56%
HSV	311°, 75%, 89%
XYZ	43.4218, 23.4058, 54.4537
YIQ	123.9750, 57.2970, 79.4810

Conversions

Conversions Part 2

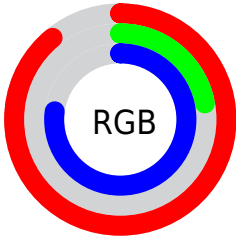
Format	Color
R _{YB}	228, 57, 196
Decimal	14956996
CIE _{Lab}	55.49, 76.95, -35.50
CIE _{LCh}	55, 84.743, 335.236
Yxy	23.4058, 0.3580, 0.1930
Android (android.graphics.Color)	4293147076 (0xFFE439C4)
YUV	123.9750, 35.5083, 91.2299
Hunter-Lab	48.3795, 75.5438, -32.8683

Details

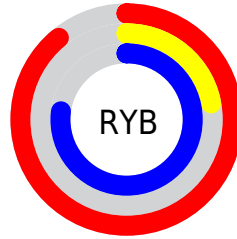
The XYZ color **43.4218, 23.4058, 54.4537** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **31.2352, 57.0788, 18.8247**, and the grayscale version is **19.0239, 20.0146, 21.7959**.

A 20% lighter version of the original color is **65.8070, 42.0266, 97.5720**, and **21.0309, 10.2778, 26.4665** is the 20% darker color. If you saturate the color by 10%, you get **42.0581, 21.4442, 51.6369**, and if you desaturate by 10%, it is **45.3066, 26.3864, 57.5127**.

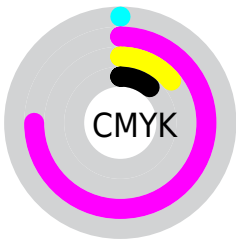
Distribution



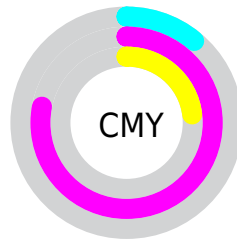
- Red (89%)
- Green (22%)
- Blue (77%)



- Red (89%)
- Yellow (22%)
- Blue (77%)



- Cyan (0%)
- Magenta (75%)
- Yellow (14%)
- Black (11%)





- Cyan (11%)
- Magenta (78%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4218, 23.4058, 54.4537 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 43.4218, 23.4058, 54.4537 by changing the saturation by 10% instead.


 43.4218, 23.4058,
54.4537

 43.4218, 23.4058,
54.4537

351.2357,
269.8025, 421.0612

 30.4122, 14.8934,
38.5689


 79.5987, 49.0588,
98.2032

 20.3013, 8.7446,
26.1192


 103.4967, 66.9682,
126.9049


 12.7238, 4.5750,
16.6863


 131.7549, 88.7788,
160.7160

 7.3143, 2.0001,
9.8515


 164.7386,
114.8749, 200.0551

 3.7075, 0.6075,
5.1963

 202.8132,
145.6409, 245.3406

 1.5380, 0.0000,
2.3021

246.3440,

 0.3515, 0.0000,

181.4612, 296.9910

0.7324

295.6964,
222.7203, 355.4251

■ 0.0000, 0.0000,
0.0000

■ 43.4218, 23.4058,
54.4537

■ 43.4218, 23.4058,
54.4537

■ 42.0581, 21.4442,
51.6369

■ 45.3066, 26.3864,
57.5127

■ 41.1392, 20.3508,
49.0358

■ 47.7701, 30.5027,
60.8332

■ 40.7870, 20.0109,
47.7951

■ 50.8649, 35.8593,
64.4333

■ 54.6371, 42.5478,
68.3291

■ 59.1282, 50.6514,
72.5348

64.3765, 60.2464,
77.0637

70.4174, 71.4035,
81.9283

77.2843, 84.1891,
87.1400

82.6644, 93.9778,
91.9285

Harmonies

Analogous

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



34.6053, 23.4058, 97.0441



43.4218, 23.4058, 54.4537



45.9872, 23.4058, 20.9823

Triad

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



43.4218, 23.4058, 54.4537



20.6131, 23.4058, 0.7886



10.3703, 23.4058, 69.4340

Complementary

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



43.4218, 23.4058, 54.4537



31.2352, 57.0788, 18.8247

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.



8.5174, 23.4058, 30.5896



43.4218, 23.4058, 54.4537



13.2483, 23.4058, 2.1477

Square

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



43.4218, 23.4058, 54.4537



30.8545, 23.4058, 1.3513



9.3955, 23.4058, 9.1988



15.4099, 23.4058, 109.2188

Rectangle

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



43.4218, 23.4058, 54.4537



43.3220, 23.4058, 9.0010



9.3955, 23.4058, 9.1988



9.4315, 23.4058, 55.1081

Sweetspot

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



43.4226, 23.4070, 54.4541



78.0458, 68.6230, 95.1195



19.5259, 10.6211, 74.4202



16.3303, 14.0061, 20.0272



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.



43.4226, 23.4070, 54.4541



53.4884, 26.7328, 64.6610



36.3367, 20.5726, 17.1403



14.8733, 14.5665, 17.5334



23.5931, 11.5715, 27.8162



1.7735, 0.8671, 2.2136

Inverse Universe

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



43.4226, 23.4070, 54.4541



53.4884, 26.7328, 64.6610



37.0573, 59.4076, 49.4835



14.8733, 14.5665, 17.5334



23.5931, 11.5715, 27.8162



1.7735, 0.8671, 2.2136

Previews

White Background



This preview shows how the XYZ color 43.4218, 23.4058, 54.4537 looks on a white background.

Color Contrast Check

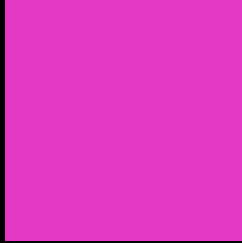
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.4218, 23.4058, 54.4537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

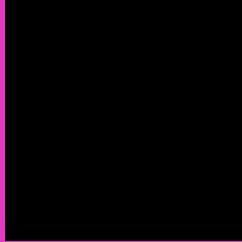
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.4218, 23.4058, 54.4537

Background



This preview shows how black text looks on a background with the XYZ color 43.4218, 23.4058, 54.4537.



This preview shows how white text looks on a background with the XYZ color 43.4218, 23.4058,

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

43.4218, 23.4058, 54.4537

Protanopia

27.8869, 23.9446, 97.7597

Deuteranopia

24.3166, 23.7607, 49.7590



Tritanopia

35.1122, 23.4053, 13.9763

Trichromacy



Original Color

43.4218, 23.4058, 54.4537



Protanomaly

27.7276, 19.7786, 80.1981



Deuteranomaly

28.2505, 20.9890, 51.2775



Tritanomaly

37.1538, 22.8150, 24.6358

Monochromacy



Original Color

43.4218, 23.4058, 54.4537



Achromatopsia

19.1579, 20.1556, 21.9495



Achromatomaly

24.9625, 18.9977, 31.2054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4218, 23.4058, 54.4537 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(228, 57, 196)` looks like.

```
.text, #text, p{  
    color:rgb(228, 57, 196)  
}
```

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(228, 57, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 57, 196) }
```

Border

The CSS property to change the border of an element to XYZ 43.4218, 23.4058, 54.4537 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(228, 57, 196) }
```


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

```
.border{ border-color:rgb(228, 57, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 57, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 57, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 57, 196);  
box-shadow:4px 4px 4px 4px rgb(228, 57,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4218, 23.4058, 54.4537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 57, 196) }
```

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

```
.background{ background-color: rgb(228, 57,  
196) }
```

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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