

Converting Colors

XYZ(41.3346, 23.4544, 38.4146)

Have a look what the booklet for
XYZ(41.3346, 23.4544, 38.4146)
contains.

XYZ(41.5232, 23.5905, 38.4413)	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(41.5232, 23.5905,
38.4413)**

Conversions

Conversions Part 1

Format	Color
Hex	E643A6
RGB	230, 67, 166
RGB Percent	90%, 26%, 65%
CMY	0.0980, 0.7372, 0.3490
CMYK	0.00, 0.71, 0.28, 0.10
HSL	324°, 77%, 58%
HSV	324°, 71%, 90%
XYZ	41.5232, 23.5905, 38.4413
YIQ	127.0230, 65.3690, 65.3450

Conversions

Conversions Part 2

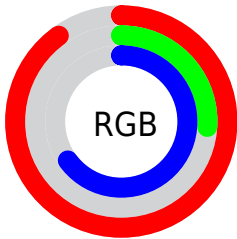
Format	Color
R _{YB}	230, 67, 166
Decimal	15090598
CIE _{Lab}	55.68, 70.45, -17.78
CIE _{LCh}	56, 72.654, 345.838
Yxy	23.5905, 0.4010, 0.2278
Android (android.graphics.Color)	4293280678 (0xFFE643A6)
YUV	127.0230, 19.2157, 90.3108
Hunter-Lab	48.5701, 67.6045, -12.9267

Details

The XYZ color **41.5232, 23.5905, 38.4413** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **34.7097, 59.4263, 31.1173**, and the grayscale version is **20.1026, 21.1495, 23.0318**.

A 20% lighter version of the original color is **61.8805, 41.6592, 73.1862**, and **19.6148, 9.7610, 16.7698** is the 20% darker color. If you saturate the color by 10%, you get **39.6174, 21.0584, 33.8611**, and if you desaturate by 10%, it is **44.0312, 27.2335, 43.5096**.

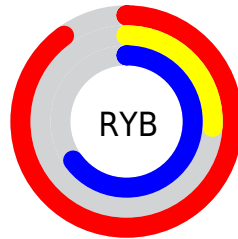
Distribution



Red (90%)

Green (26%)

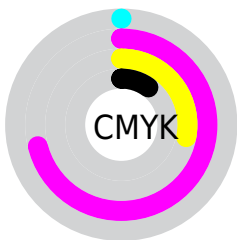
Blue (65%)



Red (90%)

Yellow (26%)

Blue (65%)

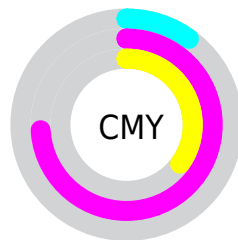


Cyan (0%)

Magenta (71%)

Yellow (28%)

Black (10%)



Cyan (10%)


Magenta (74%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5232, 23.5905, 38.4413 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 41.5232, 23.5905, 38.4413 by changing the saturation by 10% instead.


 41.5232, 23.5905,
38.4413


 41.5232, 23.5905,
38.4413


343.5279,
270.7436, 354.8640


 28.9176, 15.0301,
26.0209


 76.7472, 49.3611,
73.9949


 19.1625, 8.8405,
16.6134


 100.0963, 67.3402,
97.9653


 11.8924, 4.6373,
9.8002


 127.7573, 89.2276,
126.6226

 6.7422, 2.0361,
5.1628

 160.0955,
115.4077, 160.3856

 3.3463, 0.6283,
2.2827

 197.4764,
146.2650, 199.6726

 1.3394, 0.0000,
0.7215

240.2651,

 0.2124, 0.0000,

182.1838, 244.9024

0.0000

288.8272,
223.5485, 296.4933

■ 0.0000, 0.0000,
0.0000

■ 41.5232, 23.5905,
38.4413

■ 41.5232, 23.5905,
38.4413

■ 39.6174, 21.0584,
33.8611

■ 44.0312, 27.2335,
43.5096

■ 38.2419, 19.4959,
29.7388


■ 47.1978, 32.0989,
49.0901


■ 37.3438, 18.7073,
26.3332


■ 51.0749, 38.2887,
55.2056


■ 55.7086, 45.8930,
61.8770

■ 61.1407, 54.9941,
69.1234

 67.4101, 65.6679,
76.9628

 74.5529, 77.9849,
85.4123

 82.6030, 92.0116,
94.4880

 85.2251, 95.0758,
102.0830

Harmonies

Analogous

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



35.7920, 23.5905, 71.9419



41.5232, 23.5905, 38.4413



41.3429, 23.5905, 15.1997

Triad

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



41.5232, 23.5905, 38.4413



18.3760, 23.5905, 2.1056



13.1083, 23.5905, 73.8193

Complementary

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



41.5232, 23.5905, 38.4413



34.7097, 59.4263, 31.1173

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.



10.3871, 23.5905, 40.1400



41.5232, 23.5905, 38.4413



12.8809, 23.5905, 5.2862

Square

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



41.5232, 23.5905, 38.4413



26.5194, 23.5905, 2.0415



10.3156, 23.5905, 16.1196



18.7701, 23.5905, 99.4113

Rectangle

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



41.5232, 23.5905, 38.4413



37.8461, 23.5905, 7.2439



10.3156, 23.5905, 16.1196



11.8876, 23.5905, 62.3891

Sweetspot

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



41.5239, 23.5917, 38.4417



77.0791, 69.1824, 87.1126



25.4185, 14.4343, 76.3094



16.0694, 14.0854, 18.0866



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.



41.5239, 23.5917, 38.4417



49.1865, 25.5604, 40.3173



36.3217, 21.5108, 11.0472



14.7428, 14.5143, 16.8462



21.2037, 10.6157, 15.2335



1.6122, 0.8026, 1.3645

Inverse Universe

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



41.5239, 23.5917, 38.4417



49.1865, 25.5604, 40.3173



42.3683, 62.4898, 71.4466



14.7428, 14.5143, 16.8462



21.2037, 10.6157, 15.2335



1.6122, 0.8026, 1.3645

Previews

White Background



This preview shows how the XYZ color 41.5232, 23.5905, 38.4413 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 41.5232, 23.5905, 38.4413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

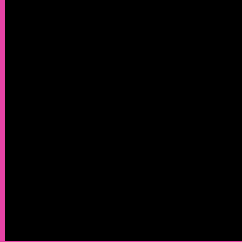
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.5232, 23.5905, 38.4413

Background



This preview shows how black text looks on a background with the XYZ color 41.5232, 23.5905, 38.4413.



This preview shows how white text looks on a background with the XYZ color 41.5232, 23.5905,

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

41.5232, 23.5905, 38.4413

Protanopia

25.7201, 23.9203, 66.2123

Deuteranopia

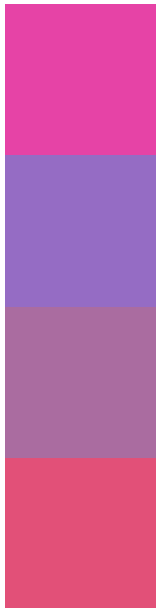
24.1938, 23.8178, 35.2204



Tritanopia

36.1244, 23.4540, 12.9790

Trichromacy



Original Color

41.5232, 23.5905, 38.4413

Protanomaly

27.7208, 21.1002, 54.8363

Deuteranomaly

28.2853, 21.8092, 35.9765

Tritanomaly

37.6229, 23.2621, 20.2764

Monochromacy



Original Color

41.5232, 23.5905, 38.4413

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

25.1691, 19.9188, 27.7174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5232, 23.5905, 38.4413 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(230, 67, 166)` looks like.

```
.text, #text, p{  
    color:rgb(230, 67, 166)  
}
```

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(230, 67, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 67, 166) }
```

Border

The CSS property to change the border of an element to XYZ 41.5232, 23.5905, 38.4413 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(230, 67, 166) }
```


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

```
.border{ border-color:rgb(230, 67, 166) }
```

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

Here you see how a box with a 4 pixel rgb(230, 67, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 67, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 67, 166);  
box-shadow:4px 4px 4px 4px rgb(230, 67,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5232, 23.5905, 38.4413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 67, 166) }
```

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

```
.background{ background-color: rgb(230, 67,  
166) }
```

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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