

Converting Colors

XYZ(42.1661, 25.6277, 40.6078)

Have a look what the booklet for
XYZ(42.1661, 25.6277, 40.6078)
contains.

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Color

**XYZ(42.1046, 25.5738,
40.7473)**

Conversions

Conversions Part 1

Format	Color
Hex	E354AA
RGB	227, 84, 170
RGB Percent	89%, 33%, 67%
CMY	0.1098, 0.6706, 0.3333
CMYK	0.00, 0.63, 0.25, 0.11
HSL	324°, 72%, 61%
HSV	324°, 63%, 89%
XYZ	42.1046, 25.5738, 40.7473
YIQ	136.5610, 57.6220, 57.0620

Conversions

Conversions Part 2

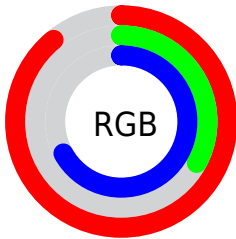
Format	Color
R _{YB}	227, 84, 170
Decimal	14898346
CIE _{Lab}	57.63, 63.78, -17.18
CIE _{LCh}	58, 66.055, 344.927
Yxy	25.5738, 0.3883, 0.2359
Android (android.graphics.Color)	4293088426 (0xFFE354AA)
YUV	136.5610, 16.4854, 79.3150
Hunter-Lab	50.5705, 60.1191, -12.3736

Details

The XYZ color **42.1046, 25.5738, 40.7473** 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 **35.9343, 58.7469, 34.6476**, and the grayscale version is **23.5382, 24.7640, 26.9680**.

A 20% lighter version of the original color is **64.3555, 45.7460, 76.6721**, and **19.5499, 9.8958, 18.0192** is the 20% darker color. If you saturate the color by 10%, you get **39.7927, 22.2729, 35.8977**, and if you desaturate by 10%, it is **45.0476, 30.0422, 46.0984**.

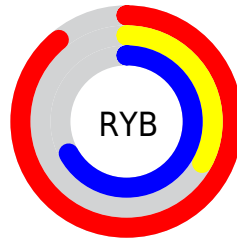
Distribution



Red (89%)

Green (33%)

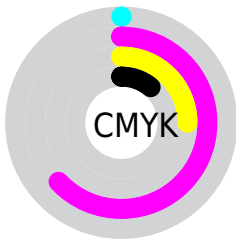
Blue (67%)



Red (89%)

Yellow (33%)

Blue (67%)

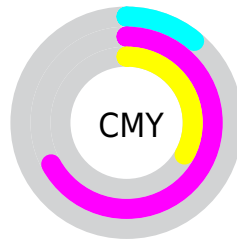


Cyan (0%)

Magenta (63%)

Yellow (25%)

Black (11%)



Cyan (11%)


Magenta (67%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1046, 25.5738, 40.7473 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 42.1046, 25.5738, 40.7473 by changing the saturation by 10% instead.


 42.1046, 25.5738,
40.7473


 42.1046, 25.5738,
40.7473

345.9006,
280.6836, 364.9087

 29.3747, 16.5051,
27.8035


 77.6221, 52.5866,
77.5496


 19.5101, 9.8823,
17.9398


 101.1403, 71.2994,
102.2452

 12.1457, 5.3210,
10.7378


 128.9854, 93.9957,
131.6951

 6.9159, 2.4368,
5.7789

 161.5227,
121.0600, 166.3179

 3.4554, 0.8447,
2.6445

199.1175,
152.8765, 206.5321

 1.3989, 0.0000,
0.9153

242.1352,

 0.2555, 0.0000,

189.8296, 252.7563

0.0000

290.9411,
232.3039, 305.4090

■ 0.0000, 0.0000,
0.0000

■ 42.1046, 25.5738,
40.7473

■ 42.1046, 25.5738,
40.7473

■ 39.7927, 22.2729,
35.8977

■ 45.0476, 30.0422,
46.0984

■ 38.0510, 20.0202,
31.5230

■ 48.6705, 35.7742,
51.9722

■ 36.8095, 18.6776,
27.5939

■ 53.0193, 42.8604,
58.3900

■ 36.1592, 18.1232,
25.0766

■ 58.1356, 51.3819,
65.3707

■ 64.0576, 61.4134,
72.9323

70.8208, 73.0243,
81.0919

78.4586, 86.2798,
89.8653

83.5244, 94.2853,
98.1087

84.9206, 94.8437,
105.4609

Harmonies

Analogous

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



36.6779, 25.5738, 71.3491



42.1046, 25.5738, 40.7473



42.1190, 25.5738, 18.0827

Triad

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



42.1046, 25.5738, 40.7473



20.6035, 25.5738, 3.4232



15.0673, 25.5738, 71.2026

Complementary

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



42.1046, 25.5738, 40.7473



35.9343, 58.7469, 34.6476

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.



12.3937, 25.5738, 40.6096



42.1046, 25.5738, 40.7473



15.0872, 25.5738, 7.0161

Square

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



42.1046, 25.5738, 40.7473



28.4714, 25.5738, 3.4303



12.4001, 25.5738, 18.0027



20.5701, 25.5738, 94.4349

Rectangle

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



42.1046, 25.5738, 40.7473



38.9947, 25.5738, 9.6371



12.4001, 25.5738, 18.0027



13.8663, 25.5738, 60.8811

Sweetspot

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



42.1054, 25.5751, 40.7478



78.5388, 71.7058, 88.8197



27.6538, 17.3615, 74.5670



16.3525, 14.5752, 18.4167



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.



42.1054, 25.5751, 40.7478



50.9300, 27.8231, 44.6727



37.1834, 23.6063, 14.8291



14.7391, 14.5128, 16.8265



21.1471, 10.5931, 14.9357



1.6082, 0.8010, 1.3435

Inverse Universe

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



42.1054, 25.5751, 40.7478



50.9300, 27.8231, 44.6727



42.7986, 61.4926, 70.7942



14.7391, 14.5128, 16.8265



21.1471, 10.5931, 14.9357



1.6082, 0.8010, 1.3435

Previews

White Background



This preview shows how the XYZ color 42.1046, 25.5738, 40.7473 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 42.1046, 25.5738, 40.7473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

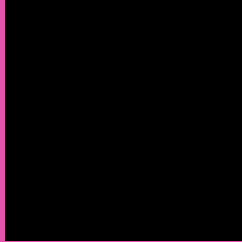
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 42.1046, 25.5738, 40.7473

Background



This preview shows how black text looks on a background with the XYZ color 42.1046, 25.5738, 40.7473.



This preview shows how white text looks on a background with the XYZ color 42.1046, 25.5738,

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

42.1046, 25.5738, 40.7473

Protanopia

27.3937, 26.0722, 63.9102

Deuteranopia

26.1701, 25.5993, 37.7443



Tritanopia

36.9775, 25.5271, 16.6140

Trichromacy



Original Color

42.1046, 25.5738, 40.7473



Protanomaly

29.8463, 23.8656, 54.6632



Deuteranomaly

30.0502, 23.9781, 38.6417



Tritanomaly

38.3966, 25.2784, 23.6244

Monochromacy



Original Color

42.1046, 25.5738, 40.7473



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

28.4808, 23.6728, 31.5020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1046, 25.5738, 40.7473 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, 84, 170)` looks like.

```
.text, #text, p{  
    color:rgb(227, 84, 170)  
}
```

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, 84, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 84, 170) }
```

Border

The CSS property to change the border of an element to XYZ 42.1046, 25.5738, 40.7473 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, 84, 170) }
```


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

```
.border{ border-color:rgb(227, 84, 170) }
```

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

Here you see how a box with a 4 pixel rgb(227, 84, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 84, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 84, 170);  
box-shadow:4px 4px 4px 4px rgb(227, 84,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1046, 25.5738, 40.7473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 84, 170) }
```

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

```
.background{ background-color: rgb(227, 84,  
170) }
```

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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