

Converting Colors

XYZ(43.3388, 25.8870, 47.6564)

Have a look what the booklet for
XYZ(43.3388, 25.8870, 47.6564)
contains.

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Color

**XYZ(43.3191, 25.9363,
47.5228)**

Conversions

Conversions Part 1

Format	Color
Hex	E353B7
RGB	227, 83, 183
RGB Percent	89%, 33%, 72%
CMY	0.1098, 0.6745, 0.2824
CMYK	0.00, 0.63, 0.19, 0.11
HSL	318°, 72%, 61%
HSV	318°, 63%, 89%
XYZ	43.3191, 25.9363, 47.5228
YIQ	137.4560, 53.7240, 61.6280

Conversions

Conversions Part 2

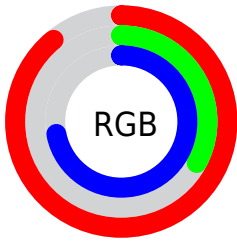
Format	Color
R _Y B	227, 83, 183
Decimal	14898103
CIE _{Lab}	57.98, 65.92, -24.16
CIE _{LCh}	58, 70.209, 339.869
Yxy	25.9363, 0.3710, 0.2221
Android (android.graphics.Color)	4293088183 (0xFFE353B7)
YUV	137.4560, 22.4532, 78.5301
Hunter-Lab	50.9277, 62.7086, -19.6766

Details

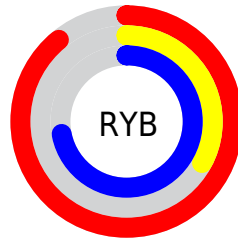
The XYZ color **43.3191, 25.9363, 47.5228** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **34.8685, 58.3105, 29.4986**, and the grayscale version is **23.8550, 25.0973, 27.3309**.

A 20% lighter version of the original color is **66.1981, 46.2482, 87.0991**, and **20.2537, 10.0885, 21.9989** is the 20% darker color. If you saturate the color by 10%, you get **41.1536, 22.7322, 43.3262**, and if you desaturate by 10%, it is **46.0901, 30.2939, 52.0972**.

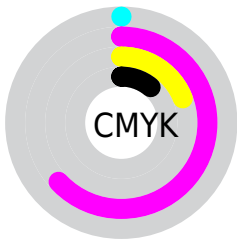
Distribution



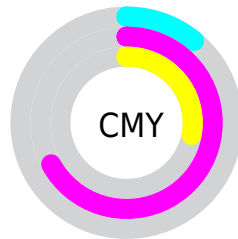
- Red (89%)
- Green (33%)
- Blue (72%)



- Red (89%)
- Yellow (33%)
- Blue (72%)



- Cyan (0%)
- Magenta (63%)
- Yellow (19%)
- Black (11%)





- Cyan (11%)
- Magenta (67%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3191, 25.9363, 47.5228 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 43.3191, 25.9363, 47.5228 by changing the saturation by 10% instead.


 43.3191, 25.9363,
47.5228


 43.3191, 25.9363,
47.5228


350.8217,
282.4692, 393.3515


 30.3312, 16.7760,
33.0918


 79.4449, 53.1722,
87.8516


 20.2394, 10.0749,
21.9251


 103.3135, 72.0165,
114.5865

 12.6785, 5.4487,
13.6041


 131.5396, 94.8577,
146.2599

 7.2830, 2.5128,
7.7102

 164.4887,
122.0800, 183.2902

 3.6876, 0.8831,
3.8250

202.5261,
154.0679, 226.0959

 1.5270, 0.0000,
1.5298

246.0172,

 0.3441, 0.0000,

191.2059, 275.0957

0.2400

295.3273,
233.8782, 330.7080

■ 0.0000, 0.0000,
0.0000

■ 43.3191, 25.9363,
47.5228

■ 43.3191, 25.9363,
47.5228

■ 41.1536, 22.7322,
43.3262

■ 46.0901, 30.2939,
52.0972

■ 39.5328, 20.5616,
39.4841

■ 49.5148, 35.9013,
57.0673

■ 38.3869, 19.2855,
35.9708

■ 53.6391, 42.8494,
62.4510

■ 37.8191, 18.7871,
33.8167

■ 58.5038, 51.2193,
68.2644

■ 64.1469, 61.0857,
74.5222

70.6033, 72.5181,
81.2385

77.9060, 85.5815,
88.4265

82.9439, 94.0531,
95.0513

83.9858, 94.4698,
100.5379

Harmonies

Analogous

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



36.6328, 25.9363, 81.2844



43.3191, 25.9363, 47.5228



44.4260, 25.9363, 20.9772

Triad

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



43.3191, 25.9363, 47.5228



21.9646, 25.9363, 2.7076



14.1469, 25.9363, 69.9250

Complementary

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



43.3191, 25.9363, 47.5228



34.8685, 58.3105, 29.4986

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.



11.8374, 25.9363, 37.0116



43.3191, 25.9363, 47.5228



15.6172, 25.9363, 5.4396

Square

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



43.3191, 25.9363, 47.5228



30.6913, 25.9363, 3.1854



12.3057, 25.9363, 15.0388



19.4614, 25.9363, 98.5553

Rectangle

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



43.3191, 25.9363, 47.5228



41.6399, 25.9363, 10.8000



12.3057, 25.9363, 15.0388



13.0556, 25.9363, 58.4147

Sweetspot

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



43.3199, 25.9376, 47.5233



79.2011, 71.9708, 92.3075



25.5936, 16.1850, 74.4487



16.5133, 14.6395, 19.2634



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.



43.3199, 25.9376, 47.5233



52.8582, 28.5944, 54.8269



37.6865, 23.6842, 17.8579



14.7977, 14.5363, 17.1352



22.1103, 10.9783, 20.0077



1.6748, 0.8276, 1.6942

Inverse Universe

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



43.3199, 25.9376, 47.5233



52.8582, 28.5944, 54.8269



41.2536, 60.8645, 63.1221



14.7977, 14.5363, 17.1352



22.1103, 10.9783, 20.0077



1.6748, 0.8276, 1.6942

Previews

White Background



This preview shows how the XYZ color 43.3191, 25.9363, 47.5228 looks on a white background.

Color Contrast Check

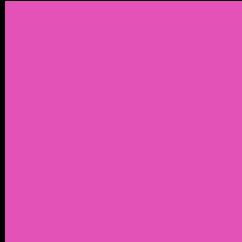
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.3191, 25.9363, 47.5228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

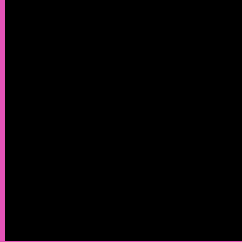
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.3191, 25.9363, 47.5228

Background



This preview shows how black text looks on a background with the XYZ color 43.3191, 25.9363, 47.5228.



This preview shows how white text looks on a background with the XYZ color 43.3191, 25.9363,

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

43.3191, 25.9363, 47.5228

Protanopia

28.4801, 26.3917, 74.8272

Deuteranopia

26.6752, 26.1374, 44.1965



Tritanopia

37.0269, 25.8225, 17.5007

Trichromacy



Original Color

43.3191, 25.9363, 47.5228



Protanomaly

30.5718, 23.8598, 63.9668



Deuteranomaly

30.5456, 24.2618, 45.1925



Tritanomaly

38.9676, 25.6500, 26.1897

Monochromacy



Original Color

43.3191, 25.9363, 47.5228



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

28.7716, 23.6017, 33.6110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3191, 25.9363, 47.5228 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, 83, 183)` looks like.

```
.text, #text, p{  
    color:rgb(227, 83, 183)  
}
```

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, 83, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 83, 183) }
```

Border

The CSS property to change the border of an element to XYZ 43.3191, 25.9363, 47.5228 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, 83, 183) }
```


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

```
.border{ border-color:rgb(227, 83, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 83, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 83, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 83, 183);  
box-shadow:4px 4px 4px 4px rgb(227, 83,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3191, 25.9363, 47.5228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 83, 183) }
```

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

```
.background{ background-color: rgb(227, 83,  
183) }
```

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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