

Converting Colors

XYZ(46.5303, 27.7519, 40.4403)

Have a look what the booklet for
XYZ(46.5303, 27.7519, 40.4403)
contains.

XYZ(46.5303, 27.7519, 40.4403)	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(46.5303, 27.7519,
40.4403)**

Conversions

Conversions Part 1

Format	Color
Hex	F153A9
RGB	241, 83, 169
RGB Percent	95%, 33%, 66%
CMY	0.0549, 0.6745, 0.3373
CMYK	0.00, 0.66, 0.30, 0.05
HSL	327°, 85%, 64%
HSV	327°, 66%, 95%
XYZ	46.5303, 27.7519, 40.4403
YIQ	140.0460, 66.5620, 60.2420

Conversions

Conversions Part 2

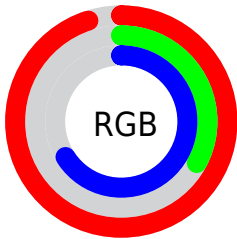
Format	Color
R _{YB}	241, 83, 169
Decimal	15815593
CIE _{Lab}	59.66, 67.93, -13.31
CIE _{LCh}	60, 69.220, 348.915
Yxy	27.7519, 0.4056, 0.2419
Android (android.graphics.Color)	4294005673 (0xFFFF153A9)
YUV	140.0460, 14.2743, 88.5367
Hunter-Lab	52.6801, 65.4721, -8.6384

Details

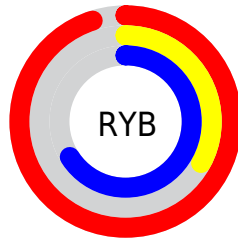
The XYZ color **46.5303, 27.7519, 40.4403** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **40.9406, 67.1170, 41.8115**, and the grayscale version is **24.8748, 26.1702, 28.4994**.

A 20% lighter version of the original color is **64.2194, 45.6916, 75.9556**, and **22.2669, 11.1081, 17.8001** is the 20% darker color. If you saturate the color by 10%, you get **44.0080, 24.2887, 34.7244**, and if you desaturate by 10%, it is **49.7813, 32.5336, 46.8270**.

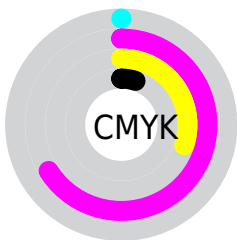
Distribution



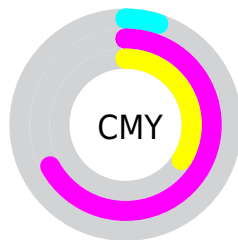
- Red (95%)
- Green (33%)
- Blue (66%)



- Red (95%)
- Yellow (33%)
- Blue (66%)



- Cyan (0%)
- Magenta (66%)
- Yellow (30%)
- Black (5%)




- Cyan (5%)
- Magenta (67%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.5303, 27.7519, 40.4403 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 46.5303, 27.7519, 40.4403 by changing the saturation by 10% instead.


 46.5303, 27.7519,
40.4403

 46.5303, 27.7519,
40.4403


363.6168,
291.2795, 363.5830


 32.8709, 18.1387,
27.5656

 84.2351, 56.0881,
77.0779


 22.1863, 11.0496,
17.7623


 109.0112, 75.5799,
101.6780

 14.1112, 6.1002,
10.6118


 138.2236, 99.1334,
131.0235

 8.2803, 2.9061,
5.6956

 172.2375,
127.1329, 165.5331

 4.3281, 1.0829,
2.5951

211.4185,
159.9629, 205.6253

 1.8894, 0.0000,
0.8899

256.1318,

 0.5707, 0.0000,

198.0077, 251.7187

0.0000

306.7428,
241.6518, 304.2317

■ 0.0000, 0.0000,
0.0000

■ 46.5303, 27.7519,
40.4403

■ 46.5303, 27.7519,
40.4403

■ 44.0080, 24.2887,
34.7244

■ 49.7813, 32.5336,
46.8270

■ 42.1403, 21.9993,
29.6433

■ 53.8204, 38.7498,
53.9135


■ 40.8396, 20.7126,
25.1573


■ 58.7032, 46.5085,
61.7286


■ 40.3840, 20.3441,
23.3320

■ 64.4796, 55.9060,
70.2980

■ 71.1951, 67.0309,
79.6464

 78.8924, 79.9653,
89.7966

 87.6112, 94.7858,
100.7707

 90.0857, 97.4408,
108.6677

Harmonies

Analogous

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



41.1696, 27.7519, 74.1307



46.5303, 27.7519, 40.4403



45.6690, 27.7519, 17.1528

Triad

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



46.5303, 27.7519, 40.4403



21.2989, 27.7519, 3.7331



16.8079, 27.7519, 82.9044

Complementary

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



46.5303, 27.7519, 40.4403



40.9406, 67.1170, 41.8115

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.



13.4657, 27.7519, 48.6454



46.5303, 27.7519, 40.4403



15.6354, 27.7519, 8.3483

Square

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



46.5303, 27.7519, 40.4403



29.7399, 27.7519, 3.3271



13.0901, 27.7519, 21.8807



23.2783, 27.7519, 106.2643

Rectangle

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



46.5303, 27.7519, 40.4403



41.7220, 27.7519, 8.9542



13.0901, 27.7519, 21.8807



15.3487, 27.7519, 71.6219

Sweetspot

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



46.5311, 27.7533, 40.4408



77.3640, 70.2582, 85.6476



32.3177, 19.4192, 85.2641



16.1045, 14.2862, 17.6958



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.



46.5311, 27.7533, 40.4408



49.1667, 26.5080, 37.2672



41.2541, 25.6425, 12.6521



16.1327, 15.9028, 18.2549



21.9683, 11.0598, 13.0156



1.8777, 0.9401, 1.3469

Inverse Universe

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



46.5311, 27.7533, 40.4408



49.1667, 26.5080, 37.2672



49.7458, 70.6390, 88.1790



16.1327, 15.9028, 18.2549



21.9683, 11.0598, 13.0156



1.8777, 0.9401, 1.3469

Previews

White Background



This preview shows how the XYZ color 46.5303, 27.7519, 40.4403 looks on a white background.

Color Contrast Check

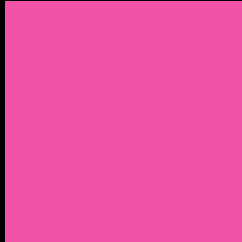
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.5303, 27.7519, 40.4403 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 46.5303, 27.7519, 40.4403

Background



This preview shows how black text looks on a background with the XYZ color 46.5303, 27.7519, 40.4403.



This preview shows how white text looks on a background with the XYZ color 46.5303, 27.7519,

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

46.5303, 27.7519, 40.4403

Protanopia

29.3319, 28.1367, 64.8577

Deuteranopia

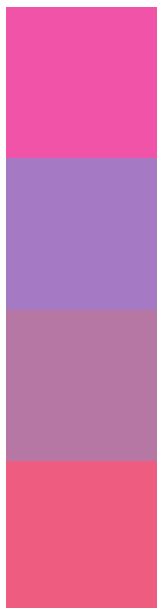
28.3888, 27.8134, 37.5905



Tritanopia

41.6037, 27.7765, 16.5332

Trichromacy



Original Color

46.5303, 27.7519, 40.4403

Protanomaly

32.2047, 25.6142, 54.8764

Deuteranomaly

32.8261, 25.9413, 38.3990

Tritanomaly

43.0705, 27.5644, 23.4725

Monochromacy



Original Color

46.5303, 27.7519, 40.4403

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

30.3142, 24.7751, 32.4625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5303, 27.7519, 40.4403 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(241, 83, 169)` looks like.

```
.text, #text, p{  
    color:rgb(241, 83, 169)  
}
```

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(241, 83, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 83, 169) }
```

Border

The CSS property to change the border of an element to XYZ 46.5303, 27.7519, 40.4403 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(241, 83, 169) }
```


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

```
.border{ border-color:rgb(241, 83, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 83, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 83, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 83, 169);  
box-shadow:4px 4px 4px 4px rgb(241, 83,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5303, 27.7519, 40.4403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 83, 169) }
```

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

```
.background{ background-color: rgb(241, 83,  
169) }
```

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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