

Converting Colors

XYZ(43.7550, 27.5933, 37.3875)

Have a look what the booklet for
XYZ(43.7550, 27.5933, 37.3875)
contains.

XYZ(43.7146, 27.5931, 37.2044)	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(43.7146, 27.5931,
37.2044)**

Conversions

Conversions Part 1

Format	Color
Hex	E85DA2
RGB	232, 93, 162
RGB Percent	91%, 36%, 64%
CMY	0.0902, 0.6353, 0.3647
CMYK	0.00, 0.60, 0.30, 0.09
HSL	330°, 75%, 64%
HSV	330°, 60%, 91%
XYZ	43.7146, 27.5931, 37.2044
YIQ	142.4270, 60.6950, 50.9270

Conversions

Conversions Part 2

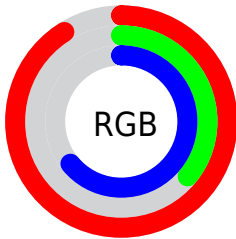
Format	Color
R _Y B	232, 93, 162
Decimal	15228322
CIE Lab	59.52, 60.44, -9.62
CIE LCh	60, 61.197, 350.960
Yxy	27.5931, 0.4029, 0.2543
Android (android.graphics.Color)	4293418402 (0xFFE85DA2)
YUV	142.4270, 9.6495, 78.5555
Hunter-Lab	52.5291, 56.6212, -5.2225

Details

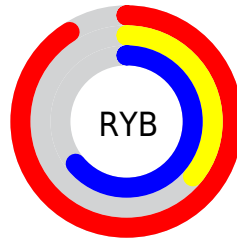
The XYZ color **43.7146, 27.5931, 37.2044** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **39.9831, 62.6854, 44.6459**, and the grayscale version is **25.8275, 27.1725, 29.5909**.

A 20% lighter version of the original color is **64.5118, 47.7646, 71.4650**, and **20.5380, 10.9900, 15.7907** is the 20% darker color. If you saturate the color by 10%, you get **40.9874, 23.7243, 31.4070**, and if you desaturate by 10%, it is **47.1574, 32.7382, 43.7170**.

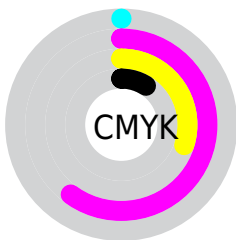
Distribution



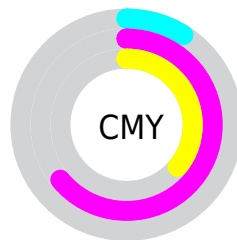
- Red (91%)
- Green (36%)
- Blue (64%)



- Red (91%)
- Yellow (36%)
- Blue (64%)



- Cyan (0%)
- Magenta (60%)
- Yellow (30%)
- Black (9%)





- Cyan (9%)
- Magenta (64%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7146, 27.5931, 37.2044 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 43.7146, 27.5931, 37.2044 by changing the saturation by 10% instead.


 43.7146, 27.5931,
37.2044


 43.7146, 27.5931,
37.2044


352.4143,
290.5175, 349.3899


 30.6431, 18.0192,
25.0688


 80.0371, 55.8341,
72.0769


 20.4778, 10.9637,
15.9088


 104.0189, 75.2700,
95.6508

 12.8531, 6.0425,
9.3060


 132.3682, 98.7620,
123.8746

 7.4038, 2.8709,
4.8418

 165.4503,
126.6945, 157.1667

 3.7644, 1.0647,
2.0976

203.6306,
159.4519, 195.9458

 1.5697, 0.0000,
0.6143

247.2745,

 0.3726, 0.0000,

197.4186, 240.6303

0.0000

296.7472,
240.9790, 291.6388

■ 0.0000, 0.0000,
0.0000

■ 43.7146, 27.5931,
37.2044

■ 43.7146, 27.5931,
37.2044

■ 40.9874, 23.7243,
31.4070

■ 47.1574, 32.7382,
43.7170

■ 38.9130, 21.0110,
26.2901

■ 51.3664, 39.2577,
50.9734

■ 37.4207, 19.3159,
21.8171


■ 56.3905, 47.2447,
59.0020


■ 36.3908, 18.4042,
17.9339


■ 62.2732, 56.7831,
67.8289

■ 36.3825, 18.3973,
17.9014

■ 69.0552, 67.9501,
77.4787

 76.7742, 80.8182,
87.9749

 85.3358, 95.1946,
99.2965

 87.0887, 95.8958,
108.5274

Harmonies

Analogous

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



39.4745, 27.5931, 65.4059



43.7146, 27.5931, 37.2044



42.6065, 27.5931, 17.2956

Triad

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



43.7146, 27.5931, 37.2044



21.2831, 27.5931, 5.3072



17.9692, 27.5931, 76.4204

Complementary

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



43.7146, 27.5931, 37.2044



39.9831, 62.6854, 44.6459

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.



14.6964, 27.5931, 47.8882



43.7146, 27.5931, 37.2044



16.3335, 27.5931, 10.4810

Square

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



43.7146, 27.5931, 37.2044



28.6200, 27.5931, 4.6222



14.1627, 27.5931, 23.8672



23.9701, 27.5931, 94.3043

Rectangle

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



43.7146, 27.5931, 37.2044



39.0578, 27.5931, 9.9515



14.1627, 27.5931, 23.8672



16.5669, 27.5931, 67.2487

Sweetspot

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



43.7154, 27.5945, 37.2049



78.6140, 72.7296, 86.1522



33.4834, 21.3905, 78.7080



16.3334, 14.7604, 17.7214



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.



43.7154, 27.5945, 37.2049



50.0880, 28.4452, 37.2829



39.1699, 25.7763, 13.2685



14.6738, 14.4867, 16.4826



20.2616, 10.2389, 10.2726



1.5441, 0.7754, 1.0059

Inverse Universe

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



43.7154, 27.5945, 37.2049



50.0880, 28.4452, 37.2829



47.9371, 65.8670, 86.5311



14.6738, 14.4867, 16.4826



20.2616, 10.2389, 10.2726



1.5441, 0.7754, 1.0059

Previews

White Background



This preview shows how the XYZ color 43.7146, 27.5931, 37.2044 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 43.7146, 27.5931, 37.2044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

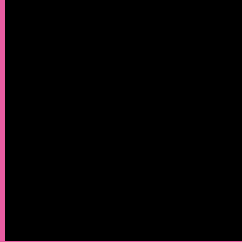
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.7146, 27.5931, 37.2044

Background



This preview shows how black text looks on a background with the XYZ color 43.7146, 27.5931, 37.2044.



This preview shows how white text looks on a background with the XYZ color 43.7146, 27.5931,

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

43.7146, 27.5931, 37.2044

Protanopia

28.4254, 27.8753, 55.5121

Deuteranopia

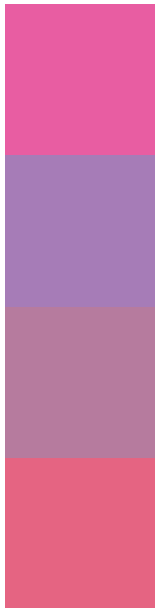
28.4313, 27.8950, 34.8961



Tritanopia

39.8145, 27.5423, 18.2567

Trichromacy



Original Color

43.7146, 27.5931, 37.2044

Protanomaly

31.4808, 25.9412, 48.1477

Deuteranomaly

32.5459, 26.5796, 35.7628

Tritanomaly

40.8995, 27.3841, 24.2491

Monochromacy



Original Color

43.7146, 27.5931, 37.2044

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

30.3117, 25.6992, 31.7966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7146, 27.5931, 37.2044 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(232, 93, 162)` looks like.

```
.text, #text, p{  
    color:rgb(232, 93, 162)  
}
```

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(232, 93, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 93, 162) }
```

Border

The CSS property to change the border of an element to XYZ 43.7146, 27.5931, 37.2044 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(232, 93, 162) }
```


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

```
.border{ border-color:rgb(232, 93, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 93, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 93, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 93, 162);  
box-shadow:4px 4px 4px 4px rgb(232, 93,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7146, 27.5931, 37.2044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 93, 162) }
```

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

```
.background{ background-color: rgb(232, 93,  
162) }
```

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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