

Converting Colors

XYZ(43.1974, 25.2845, 32.7814)

Have a look what the booklet for
XYZ(43.1974, 25.2845, 32.7814)
contains.

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Color

**XYZ(43.1236, 25.2020,
32.7286)**

Conversions

Conversions Part 1

Format	Color
Hex	ED4A99
RGB	237, 74, 153
RGB Percent	93%, 29%, 60%
CMY	0.0706, 0.7098, 0.4000
CMYK	0.00, 0.69, 0.35, 0.07
HSL	331°, 82%, 61%
HSV	331°, 69%, 93%
XYZ	43.1236, 25.2020, 32.7286
YIQ	131.7430, 71.7890, 59.1250

Conversions

Conversions Part 2

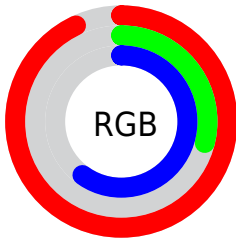
Format	Color
R _Y B	237, 74, 153
Decimal	15551129
CIE Lab	57.27, 68.38, -7.64
CIE LCh	57, 68.804, 353.622
Yxy	25.2020, 0.4267, 0.2494
Android (android.graphics.Color)	4293741209 (0xFFED4A99)
YUV	131.7430, 10.4797, 92.3104
Hunter-Lab	50.2016, 65.4802, -3.5126

Details

The XYZ color **43.1236, 25.2020, 32.7286** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **39.2814, 64.4936, 42.7302**, and the grayscale version is **21.7865, 22.9211, 24.9611**.

A 20% lighter version of the original color is **60.8900, 42.5401, 64.0333**, and **20.3028, 10.1894, 13.4671** is the 20% darker color. If you saturate the color by 10%, you get **40.8708, 22.2291, 27.2525**, and if you desaturate by 10%, it is **46.0768, 29.4102, 38.9481**.

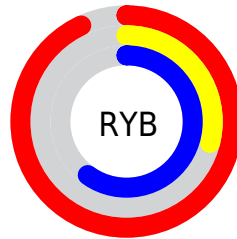
Distribution



Red (93%)

Green (29%)

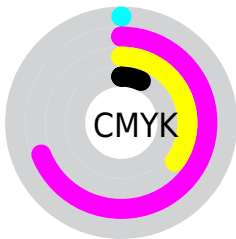
Blue (60%)



Red (93%)

Yellow (29%)

Blue (60%)

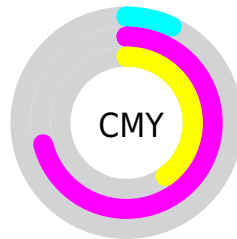


Cyan (0%)

Magenta (69%)

Yellow (35%)

Black (7%)



Cyan (7%)


Magenta (71%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1236, 25.2020, 32.7286 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 43.1236, 25.2020, 32.7286 by changing the saturation by 10% instead.


 43.1236, 25.2020,
32.7286


 43.1236, 25.2020,
32.7286


350.0327,
278.8424, 329.0194


 30.1770, 16.2276,
21.6492


 79.1519, 51.9847,
65.0627


 20.1218, 9.6854,
13.4035


 102.9643, 70.5619,
87.1545


 12.5924, 5.1908,
7.5730

 131.1295, 93.1087,
113.7541

 7.2235, 2.3597,
3.7391

 164.0126,
120.0097, 145.2802

 3.6498, 0.8050,
1.4834

 201.9792,
151.6491, 182.1512

 1.5060, 0.0000,
0.2055

245.3945,

 0.3299, 0.0000,

188.4115, 224.7857

0.0000

294.6239,
230.6811, 273.6023

■ 0.0000, 0.0000,
0.0000

■ 43.1236, 25.2020,
32.7286

■ 43.1236, 25.2020,
32.7286

■ 40.8708, 22.2291,
27.2525

■ 46.0768, 29.4102,
38.9481

■ 39.2422, 20.3443,
22.4786

■ 49.7910, 34.9706,
45.9452


■ 38.1299, 19.3370,
18.3551


■ 54.3226, 41.9911,
53.7529


■ 38.0114, 19.2391,
17.8870


■ 59.7215, 50.5673,
62.4013

■ 66.0336, 60.7869,
71.9188

 73.3015, 72.7306,
82.3322

 81.5648, 86.4742,
93.6667

 88.0526, 96.4715,
105.0105

 88.7351, 96.7445,
108.6045

Harmonies

Analogous

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



38.8982, 25.2020, 63.5477



43.1236, 25.2020, 32.7286



41.3506, 25.2020, 13.1106

Triad

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



43.1236, 25.2020, 32.7286



18.2123, 25.2020, 3.4508



15.8166, 25.2020, 81.6811

Complementary

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



43.1236, 25.2020, 32.7286



39.2814, 64.4936, 42.7302

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.



12.2828, 25.2020, 49.6123



43.1236, 25.2020, 32.7286



13.4309, 25.2020, 8.5136

Square

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



43.1236, 25.2020, 32.7286



25.7352, 25.2020, 2.6490



11.5208, 25.2020, 22.7554



22.2564, 25.2020, 100.4673

Rectangle

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



43.1236, 25.2020, 32.7286



37.1678, 25.2020, 6.6756



11.5208, 25.2020, 22.7554



14.3142, 25.2020, 71.4507

Sweetspot

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



43.1243, 25.2034, 32.7290



76.1524, 68.8117, 82.2327



31.3502, 18.0320, 81.9490



15.8490, 13.9973, 16.9263



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.



43.1243, 25.2034, 32.7290



47.2990, 25.0862, 29.5118



38.6109, 23.3980, 8.9616



15.3696, 15.1757, 17.2317



20.8186, 10.5301, 10.1120



1.6832, 0.8462, 1.0491

Inverse Universe

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



43.1243, 25.2034, 32.7290



47.2990, 25.0862, 29.5118



48.3951, 68.1391, 90.7223



15.3696, 15.1757, 17.2317



20.8186, 10.5301, 10.1120



1.6832, 0.8462, 1.0491

Previews

White Background



This preview shows how the XYZ color 43.1236, 25.2020, 32.7286 looks on a white background.

Color Contrast Check

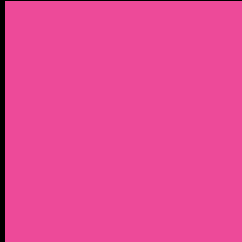
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.1236, 25.2020, 32.7286 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 43.1236, 25.2020, 32.7286

Background



This preview shows how black text looks on a background with the XYZ color 43.1236, 25.2020, 32.7286.



This preview shows how white text looks on a background with the XYZ color 43.1236, 25.2020,

32.7286.

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

43.1236, 25.2020, 32.7286

Protanopia

26.2875, 25.4964, 54.5747

Deuteranopia

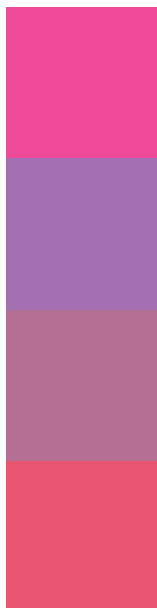
25.8487, 25.3904, 30.3265



Tritanopia

39.1970, 25.2765, 13.4026

Trichromacy



Original Color

43.1236, 25.2020, 32.7286

Protanomaly

29.1461, 22.8515, 45.5224

Deuteranomaly

29.9619, 23.4298, 30.9602

Tritanomaly

40.1965, 25.0709, 18.9402

Monochromacy



Original Color

43.1236, 25.2020, 32.7286

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

26.9956, 21.8084, 27.5976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1236, 25.2020, 32.7286 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(237, 74, 153)` looks like.

```
.text, #text, p{  
    color:rgb(237, 74, 153)  
}
```

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(237, 74, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 74, 153) }
```

Border

The CSS property to change the border of an element to XYZ 43.1236, 25.2020, 32.7286 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(237, 74, 153) }
```


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

```
.border{ border-color:rgb(237, 74, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 74, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 74, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 74, 153);  
box-shadow:4px 4px 4px 4px rgb(237, 74,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1236, 25.2020, 32.7286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 74, 153) }
```

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

```
.background{ background-color: rgb(237, 74,  
153) }
```

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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