

Converting Colors

XYZ(37.1275, 19.1445, 25.6600)

Have a look what the booklet for
XYZ(37.1275, 19.1445, 25.6600)
contains.

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Color

**XYZ(37.2699, 19.2318,
25.7925)**

Conversions

Conversions Part 1

Format	Color
Hex	E51A8A
RGB	229, 26, 138
RGB Percent	90%, 10%, 54%
CMY	0.1020, 0.8979, 0.4588
CMYK	0.00, 0.89, 0.40, 0.10
HSL	327°, 80%, 50%
HSV	327°, 89%, 90%
XYZ	37.2699, 19.2318, 25.7925
YIQ	99.4650, 85.0360, 77.8680

Conversions

Conversions Part 2

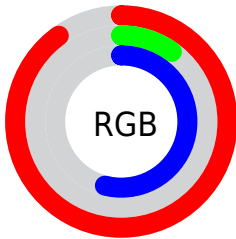
Format	Color
R_{YB}	229, 26, 138
Decimal	15014538
CIE _{Lab}	50.96, 77.36, -8.31
CIE _{LCh}	51, 77.804, 353.872
Yxy	19.2318, 0.4529, 0.2337
Android (android.graphics.Color)	4293204618 (0xFFE51A8A)
YUV	99.4650, 18.9978, 113.6022
Hunter-Lab	43.8541, 74.9557, -4.1732

Details

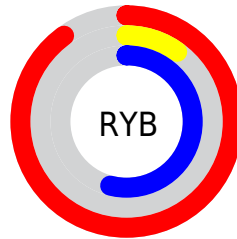
The XYZ color **37.2699, 19.2318, 25.7925** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **31.6583, 57.5434, 26.2759**, and the grayscale version is **11.9189, 12.5396, 13.6556**.

A 20% lighter version of the original color is **55.2977, 34.3289, 53.0019**, and **17.9099, 9.0294, 10.0314** is the 20% darker color. If you saturate the color by 10%, you get **36.2257, 18.2773, 21.9488**, and if you desaturate by 10%, it is **38.7747, 20.9950, 30.1367**.

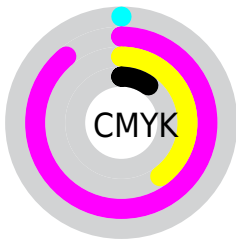
Distribution



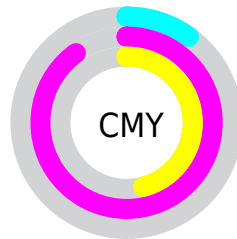
- Red (90%)
- Green (10%)
- Blue (54%)



- Red (90%)
- Yellow (10%)
- Blue (54%)



- Cyan (0%)
- Magenta (89%)
- Yellow (40%)
- Black (10%)





- Cyan (10%)
- Magenta (90%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.2699, 19.2318, 25.7925 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 37.2699, 19.2318, 25.7925 by changing the saturation by 10% instead.

 37.2699, 19.2318,
25.7925


 37.2699, 19.2318,
25.7925


325.8128,
247.7255, 295.3350


 25.5912, 11.8379,
16.4441


 70.2988, 42.1254,
53.9200


 16.6491, 6.6334,
9.6812


 92.3797, 58.3939,
73.5361


 10.0784, 3.2339,
5.0853


 118.6588, 78.3894,
97.4120

 5.5136, 1.2550,
2.2378

 149.5012,
102.4963, 125.9660

 2.5895, 0.1060,
0.6960

 185.2725,
131.0989, 159.6168

 0.9406, 0.0000,
0.0000

 226.3380,

 0.0000, 0.0000,

164.5817, 198.7828

0.0000

273.0630,
203.3291, 243.8827

■ 37.2699, 19.2318,
25.7925

■ 37.2699, 19.2318,
25.7925

■ 36.2257, 18.2773,
21.9488

■ 38.7747, 20.9950,
30.1367

■ 36.1004, 18.1729,
21.4562

■ 40.8368, 23.7573,
35.0225

■ 43.5233, 27.6502,
40.4811

■ 46.8910, 32.7843,
46.5401

■ 50.9898, 39.2568,
53.2244

■ 55.8647, 47.1553,
60.5569

■ 61.5570, 56.5598,
68.5591

■ 68.1050, 67.5442,
77.2514

■ 75.5444, 80.1778,
86.6529

Harmonies

Analogous

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



33.0084, 19.2318, 57.1347



37.2699, 19.2318, 25.7925



35.4042, 19.2318, 8.0544

Triad

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



37.2699, 19.2318, 25.7925



12.9255, 19.2318, 1.1830



10.8752, 19.2318, 77.1297

Complementary

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



37.2699, 19.2318, 25.7925



31.6583, 57.5434, 26.2759

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.



7.8194, 19.2318, 43.1725



37.2699, 19.2318, 25.7925



8.7500, 19.2318, 4.5832

Square

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



37.2699, 19.2318, 25.7925



19.9031, 19.2318, 0.7340



7.1683, 19.2318, 16.7381



16.7462, 19.2318, 97.5460

Rectangle

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



37.2699, 19.2318, 25.7925



31.1415, 19.2318, 3.1692



7.1683, 19.2318, 16.7381



9.5591, 19.2318, 66.1220

Sweetspot

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



37.2704, 19.2329, 25.7928



72.3030, 61.8301, 78.7388



21.4498, 9.9732, 74.9230



14.9825, 12.4270, 16.1358



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.



37.2704, 19.2329, 25.7928



46.0236, 23.1734, 27.1201



33.0585, 17.5481, 3.6130



14.7081, 14.5004, 16.6631



20.7020, 10.4150, 12.5919



1.5765, 0.7883, 1.1762

Inverse Universe

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



37.2704, 19.2329, 25.7928



46.0236, 23.1734, 27.1201



40.7719, 61.1888, 74.2676



14.7081, 14.5004, 16.6631



20.7020, 10.4150, 12.5919



1.5765, 0.7883, 1.1762

Previews

White Background



This preview shows how the XYZ color 37.2699, 19.2318, 25.7925 looks on a white background.

Color Contrast Check

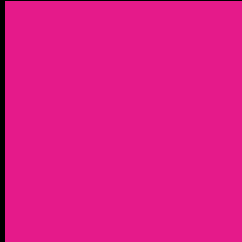
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.2699, 19.2318, 25.7925 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 37.2699, 19.2318, 25.7925

Background



This preview shows how black text looks on a background with the XYZ color 37.2699, 19.2318, 25.7925.



This preview shows how white text looks on a background with the XYZ color 37.2699, 19.2318,

25.7925.

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

37.2699, 19.2318, 25.7925

Protanopia

21.1829, 19.7528, 54.3260

Deuteranopia

19.8532, 19.5775, 23.1545



Tritanopia

33.1467, 19.3121, 6.3955

Trichromacy



Original Color

37.2699, 19.2318, 25.7925



Protanomaly

22.2955, 15.5512, 41.8710



Deuteranomaly

23.3497, 16.3784, 23.7605



Tritanomaly

34.1837, 18.9231, 11.3020

Monochromacy



Original Color

37.2699, 19.2318, 25.7925



Achromatopsia

11.8596, 12.4772, 13.5877



Achromatomaly

17.1521, 11.9380, 17.0230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2699, 19.2318, 25.7925 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(229, 26, 138)` looks like.

```
.text, #text, p{  
    color:rgb(229, 26, 138)  
}
```

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(229, 26, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 26, 138) }
```

Border

The CSS property to change the border of an element to XYZ 37.2699, 19.2318, 25.7925 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(229, 26, 138) }
```


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

```
.border{ border-color:rgb(229, 26, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 26, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 26, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 26, 138);  
box-shadow:4px 4px 4px 4px rgb(229, 26,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2699, 19.2318, 25.7925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 26, 138) }
```

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

```
.background{ background-color: rgb(229, 26,  
138) }
```

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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