

Converting Colors

XYZ(41.7661, 27.5307, 29.5631)

Have a look what the booklet for
XYZ(41.7661, 27.5307, 29.5631)
contains.

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Color

**XYZ(41.8090, 27.5953,
29.5084)**

Conversions

Conversions Part 1

Format	Color
Hex	E56390
RGB	229, 99, 144
RGB Percent	90%, 39%, 56%
CMY	0.1020, 0.6117, 0.4353
CMYK	0.00, 0.57, 0.37, 0.10
HSL	339°, 71%, 64%
HSV	339°, 57%, 90%
XYZ	41.8090, 27.5953, 29.5084
YIQ	143.0000, 63.0350, 41.5550

Conversions

Conversions Part 2

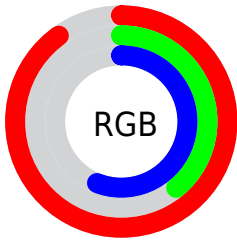
Format	Color
R _Y B	229, 99, 144
Decimal	15033232
CIE Lab	59.52, 54.74, 0.78
CIE LCh	60, 54.742, 0.819
Yxy	27.5953, 0.4227, 0.2790
Android (android.graphics.Color)	4293223312 (0xFFE56390)
YUV	143.0000, 0.4930, 75.4220
Hunter-Lab	52.5312, 50.1364, 3.4669

Details

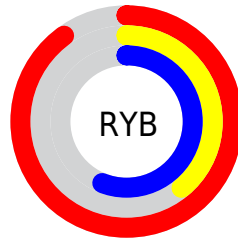
The XYZ color **41.8090, 27.5953, 29.5084** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **41.8182, 62.1527, 55.1438**, and the grayscale version is **26.0899, 27.4486, 29.8915**.

A 20% lighter version of the original color is **62.9886, 48.4484, 59.4577**, and **19.4259, 11.0101, 11.6910** is the 20% darker color. If you saturate the color by 10%, you get **38.8692, 23.4274, 23.2515**, and if you desaturate by 10%, it is **45.5171, 33.0567, 36.7708**.

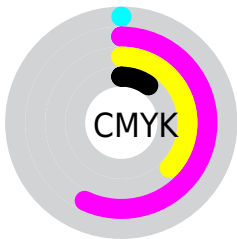
Distribution



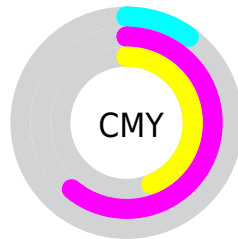
- Red (90%)
- Green (39%)
- Blue (56%)



- Red (90%)
- Yellow (39%)
- Blue (56%)



- Cyan (0%)
- Magenta (57%)
- Yellow (37%)
- Black (10%)





- Cyan (10%)
- Magenta (61%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8090, 27.5953, 29.5084 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 41.8090, 27.5953, 29.5084 by changing the saturation by 10% instead.


 41.8090, 27.5953,
29.5084


 41.8090, 27.5953,
29.5084


344.6957,
290.5280, 313.7419


 29.1422, 18.0208,
19.2169

 77.1775, 55.8377,
59.9357


 19.3333, 10.9649,
11.6487


 100.6098, 75.2743,
80.9085

 12.0168, 6.0433,
6.3853


 128.3615, 98.7672,
106.2788

 6.8274, 2.8714,
3.0082

 160.7977,
126.7006, 136.4651

 3.3997, 1.0650,
1.0988

198.2839,
159.4590, 171.8861

 1.3685, 0.0000,
0.0000

241.1853,

 0.2336, 0.0000,

197.4268, 212.9602

0.0000

289.8675,
240.9883, 260.1059

■ 0.0000, 0.0000,
0.0000

■ 41.8090, 27.5953,
29.5084

■ 41.8090, 27.5953,
29.5084

■ 38.8692, 23.4274,
23.2515

■ 45.5171, 33.0567,
36.7708

■ 36.6360, 20.4393,
17.9497

■ 50.0441, 39.9040,
45.0826

■ 35.0411, 18.5046,
13.5491

■ 55.4386, 48.2261,
54.4864

■ 33.9979, 17.4606,
9.9875

■ 61.7450, 58.1032,
65.0221

■ 33.7340, 17.2264,
8.9943

■ 69.0042, 69.6098,
76.7271

■ 77.2548, 82.8153,
89.6373

■ 85.1435, 95.0062,
103.3238

■ 86.1231, 95.3980,
108.4822

Harmonies

Analogous

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



39.5607, 27.5953, 52.5704



41.8090, 27.5953, 29.5084



39.3125, 27.5953, 14.5130

Triad

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



41.8090, 27.5953, 29.5084



20.0166, 27.5953, 7.8377



20.2913, 27.5953, 76.7640

Complementary

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



41.8090, 27.5953, 29.5084



41.8182, 62.1527, 55.1438

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.



16.4268, 27.5953, 53.9439



41.8090, 27.5953, 29.5084



16.2888, 27.5953, 15.0980

Square

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



41.8090, 27.5953, 29.5084



26.0399, 27.5953, 5.8511



15.0976, 27.5953, 30.5913



26.4180, 27.5953, 86.1004

Rectangle

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



41.8090, 27.5953, 29.5084



35.5081, 27.5953, 9.2043



15.0976, 27.5953, 30.5913



18.7253, 27.5953, 70.0350

Sweetspot

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



41.8098, 27.5967, 29.5089



78.5135, 73.6991, 82.5104



38.2536, 24.7112, 76.8824



16.4381, 15.1971, 17.0557



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.



41.8098, 27.5967, 29.5089



49.0810, 29.1760, 28.4855



41.1038, 30.6354, 15.5530



14.5819, 14.4499, 15.9986



19.3386, 9.8697, 5.4120



1.4716, 0.7464, 0.6240

Inverse Universe

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



41.8098, 27.5967, 29.5089



49.0810, 29.1760, 28.4855



42.2129, 54.1575, 82.3574



14.5819, 14.4499, 15.9986



19.3386, 9.8697, 5.4120



1.4716, 0.7464, 0.6240

Previews

White Background



This preview shows how the XYZ color 41.8090, 27.5953, 29.5084 looks on a white background.

Color Contrast Check

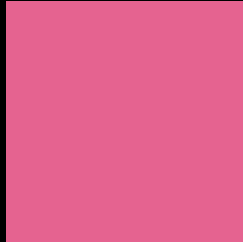
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.8090, 27.5953, 29.5084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

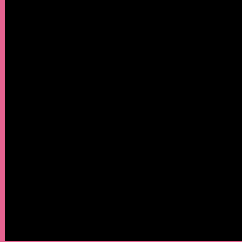
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.8090, 27.5953, 29.5084

Background



This preview shows how black text looks on a background with the XYZ color 41.8090, 27.5953, 29.5084.



This preview shows how white text looks on a background with the XYZ color 41.8090, 27.5953,

29.5084.

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

41.8090, 27.5953, 29.5084

Protanopia

27.5594, 27.9505, 41.9727

Deuteranopia

28.3173, 27.7738, 27.9132



Tritanopia

39.6548, 27.6039, 18.5673

Trichromacy



Original Color

41.8090, 27.5953, 29.5084

Protanomaly

30.8170, 26.4099, 37.1916

Deuteranomaly

31.9489, 26.6230, 28.2658

Tritanomaly

40.4832, 27.6497, 22.2720

Monochromacy



Original Color

41.8090, 27.5953, 29.5084

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

30.0029, 26.1606, 29.4548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8090, 27.5953, 29.5084 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, 99, 144)` looks like.

```
.text, #text, p{  
    color:rgb(229, 99, 144)  
}
```

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, 99, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 99, 144) }
```

Border

The CSS property to change the border of an element to XYZ 41.8090, 27.5953, 29.5084 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, 99, 144) }
```


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

```
.border{ border-color:rgb(229, 99, 144) }
```

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

Here you see how a box with a 4 pixel rgb(229, 99, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 99, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 99, 144);  
box-shadow:4px 4px 4px 4px rgb(229, 99,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8090, 27.5953, 29.5084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 99, 144) }
```

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

```
.background{ background-color: rgb(229, 99,  
144) }
```

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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