

Converting Colors

XYZ(82.4911, 45.6215, 25.3538)

Have a look what the booklet for
XYZ(82.4911, 45.6215, 25.3538)
contains.

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Color

**XYZ(47.5850, 27.6101,
23.5901)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4981
RGB	255, 73, 129
RGB Percent	100%, 29%, 51%
CMY	0.0000, 0.7137, 0.4941
CMYK	0.00, 0.71, 0.49, 0.00
HSL	342°, 100%, 64%
HSV	342°, 71%, 100%
XYZ	47.5850, 27.6101, 23.5901
YIQ	133.8020, 90.4960, 56.0000

Conversions

Conversions Part 2

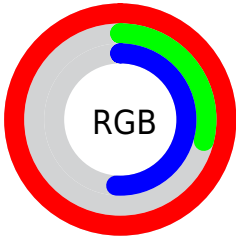
Format	Color
R_{YB}	255, 73, 129
Decimal	16730497
CIE _{Lab}	59.53, 71.44, 10.11
CIE _{LCh}	60, 72.152, 8.056
Yxy	27.6101, 0.4817, 0.2795
Android (android.graphics.Color)	4294920577 (0xFFFF4981)
YUV	133.8020, -2.3674, 106.2906
Hunter-Lab	52.5453, 69.6952, 10.1636

Details

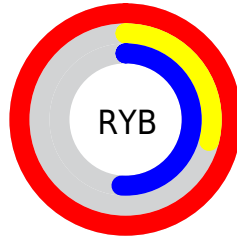
The XYZ color **47.5850, 27.6101, 23.5901** is a light color, and the websafe version is hex **FF6699**. The color can be described as light washed rose. A complement of this color would be **48.8187, 77.0608, 66.3413**, and the grayscale version is **22.5743, 23.7499, 25.8637**.

A 20% lighter version of the original color is **58.2086, 41.6876, 49.2345**, and **23.1862, 11.7857, 8.6422** is the 20% darker color. If you saturate the color by 10%, you get **45.1653, 24.4895, 17.4853**, and if you desaturate by 10%, it is **50.8951, 32.1873, 30.9925**.

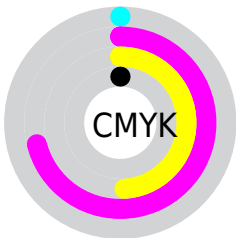
Distribution



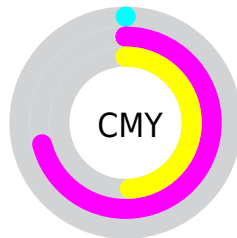
- Red (100%)
- Green (29%)
- Blue (51%)



- Red (100%)
- Yellow (29%)
- Blue (51%)



- Cyan (0%)
- Magenta (71%)
- Yellow (49%)
- Black (0%)





- Cyan (0%)
- Magenta (71%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5850, 27.6101, 23.5901 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 47.5850, 27.6101, 23.5901 by changing the saturation by 10% instead.


 47.5850, 27.6101,
23.5901

 47.5850, 27.6101,
23.5901


367.7548,
290.5991, 283.9611


 33.7082, 18.0320,
14.8205


 85.7996, 55.8613,
50.2959


 22.8314, 10.9729,
8.5483


 110.8682, 75.3032,
69.0691

 14.5891, 6.0486,
4.3550


 140.3981, 98.8018,
92.0139

 8.6159, 2.8747,
1.8220

 174.7547,
126.7415, 119.5489

 4.5466, 1.0667,
0.4424

214.3033,
159.5067, 152.0926

 2.0158, 0.0000,
0.0000

259.4093,

 0.6428, 0.0000,

197.4817, 190.0635

0.0000

310.4380,
241.0511, 233.8801

■ 0.0000, 0.0000,
0.0000

■ 47.5850, 27.6101,
23.5901

■ 47.5850, 27.6101,
23.5901

■ 45.1653, 24.4895,
17.4853

■ 50.8951, 32.1873,
30.9925

■ 43.5335, 22.6368,
12.5919


■ 55.1780, 38.3699,
39.7670


■ 42.6312, 21.8165,
9.2567

■ 60.5085, 46.2933,
49.9835

■ 66.9533, 56.0771,
61.7063

■ 74.5733, 67.8303,
74.9956

 83.4249, 81.6535,
89.9082

 93.5609, 97.6403,
106.4977

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



45.9798, 27.6101, 52.8682



47.5850, 27.6101, 23.5901



42.5171, 27.6101, 8.5834

Triad

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



47.5850, 27.6101, 23.5901



16.8901, 27.6101, 5.3864



20.2477, 27.6101, 104.3055

Complementary

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



47.5850, 27.6101, 23.5901



48.8187, 77.0608, 66.3413

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.



14.7625, 27.6101, 72.5800



47.5850, 27.6101, 23.5901



13.1583, 27.6101, 14.9892

Square

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



47.5850, 27.6101, 23.5901



23.8728, 27.6101, 2.7659



12.4811, 27.6101, 37.6226



28.7642, 27.6101, 111.6378

Rectangle

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



47.5850, 27.6101, 23.5901



36.5983, 27.6101, 4.4724



12.4811, 27.6101, 37.6226



18.0516, 27.6101, 95.5195

Sweetspot

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



47.5857, 27.6117, 23.5905



74.8767, 68.3014, 75.5149



43.5564, 23.9071, 96.9263



15.5478, 13.8768, 15.3401



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.



47.5857, 27.6117, 23.5905



44.3184, 23.4863, 15.0734



47.6358, 32.1271, 9.9960



18.2395, 18.0791, 19.8781



22.3340, 11.4229, 5.1433



2.2210, 1.1308, 0.7451

Inverse Universe

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



47.5857, 27.6117, 23.5905



44.3184, 23.4863, 15.0734



46.8231, 60.6860, 103.8532



18.2395, 18.0791, 19.8781



22.3340, 11.4229, 5.1433



2.2210, 1.1308, 0.7451

Previews

White Background



This preview shows how the XYZ color 47.5850, 27.6101, 23.5901 looks on a white background.

Color Contrast Check

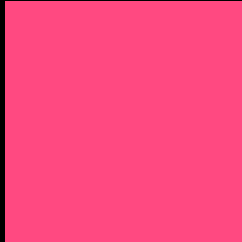
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.5850, 27.6101, 23.5901 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 47.5850, 27.6101, 23.5901

Background



This preview shows how black text looks on a background with the XYZ color 47.5850, 27.6101, 23.5901.



This preview shows how white text looks on a background with the XYZ color 47.5850, 27.6101,

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

47.5850, 27.6101, 23.5901

Protanopia

27.2955, 27.6250, 40.4527

Deuteranopia

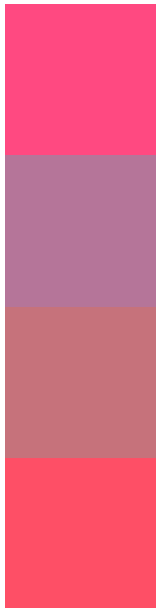
28.2045, 27.6400, 21.6178



Tritanopia

45.2456, 27.6054, 11.9605

Trichromacy



Original Color

47.5850, 27.6101, 23.5901

Protanomaly

31.1671, 24.8462, 33.2901

Deuteranomaly

32.8812, 25.4705, 21.9222

Tritanomaly

46.0673, 27.6221, 15.4740

Monochromacy



Original Color

47.5850, 27.6101, 23.5901

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

28.3191, 22.7193, 24.7225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5850, 27.6101, 23.5901 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(255, 73, 129)` looks like.

```
.text, #text, p{  
  color:rgb(255, 73, 129)  
}
```

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(255, 73, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 73, 129) }
```

Border

The CSS property to change the border of an element to XYZ 47.5850, 27.6101, 23.5901 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(255, 73, 129) }
```


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

```
.border{ border-color:rgb(255, 73, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 73, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 73, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 73, 129);  
box-shadow:4px 4px 4px 4px rgb(255, 73,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5850, 27.6101, 23.5901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 73, 129) }
```

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

```
.background{ background-color: rgb(255, 73,  
129) }
```

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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