

Converting Colors

XYZ(86.1867, 47.0015, 74.2692)

Have a look what the booklet for
XYZ(86.1867, 47.0015, 74.2692)
contains.

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Color

**XYZ(57.3553, 32.1797,
73.0004)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4FDF
RGB	255, 79, 223
RGB Percent	100%, 31%, 87%
CMY	0.0000, 0.6902, 0.1255
CMYK	0.00, 0.69, 0.13, 0.00
HSL	311°, 100%, 65%
HSV	311°, 69%, 100%
XYZ	57.3553, 32.1797, 73.0004
YIQ	148.0400, 58.6720, 82.0960

Conversions

Conversions Part 2

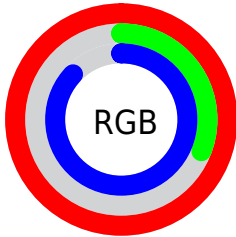
Format	Color
R _Y B	255, 79, 223
Decimal	16732127
CIE Lab	63.49, 79.89, -37.99
CIE LCh	63, 88.461, 334.565
Yxy	32.1797, 0.3529, 0.1980
Android (android.graphics.Color)	4294922207 (0xFFFF4FDF)
YUV	148.0400, 36.9553, 93.8039
Hunter-Lab	56.7272, 81.2040, -36.5894

Details

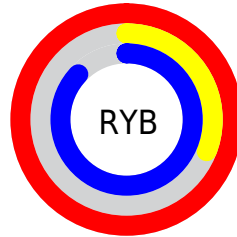
The XYZ color **57.3553, 32.1797, 73.0004** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **41.8550, 74.3306, 27.1827**, and the grayscale version is **28.0004, 29.4586, 32.0804**.

A 20% lighter version of the original color is **68.8149, 47.5298, 100.1550**, and **29.2232, 14.2594, 37.7713** is the 20% darker color. If you saturate the color by 10%, you get **55.2390, 28.9339, 69.2531**, and if you desaturate by 10%, it is **60.1950, 36.8448, 77.0741**.

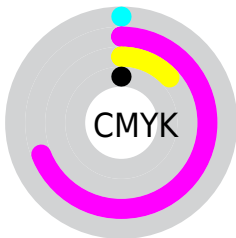
Distribution



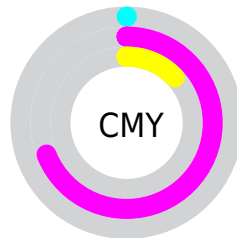
- Red (100%)
- Green (31%)
- Blue (87%)



- Red (100%)
- Yellow (31%)
- Blue (87%)



- Cyan (0%)
- Magenta (69%)
- Yellow (13%)
- Black (0%)





- Cyan (0%)
- Magenta (69%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3553, 32.1797, 73.0004 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 57.3553, 32.1797, 73.0004 by changing the saturation by 10% instead.


 57.3553, 32.1797,
73.0004


 57.3553, 32.1797,
73.0004


404.7720,
311.9370, 490.0870


 41.5318, 21.4988,
53.4845

 100.1118, 63.0927,
125.1987


 28.9244, 13.4891,
37.7993


 127.7755, 84.0936,
158.7181

 19.1676, 7.7662,
25.5263


 160.1167,
109.3032, 197.7425

 11.8962, 3.9457,
16.2470

 197.5007,
139.1061, 242.6903

 6.7447, 1.6432,
9.5429

240.2929,
173.8865, 293.9802

 3.3479, 0.3865,
4.9953

288.8586,

 1.3403, 0.0000,

214.0288, 352.0305

2.1858

343.5632,
259.9176, 417.2600

■ 0.2131, 0.0000,
0.6662

■ 0.0000, 0.0000,
0.0000

■ 57.3553, 32.1797,
73.0004

■ 57.3553, 32.1797,
73.0004

■ 55.2390, 28.9339,
69.2531

■ 60.1950, 36.8448,
77.0741

■ 53.7583, 26.9321,
65.8010

■ 63.8283, 43.0695,
81.4970

■ 52.7871, 25.9224,
62.6020

■ 68.3192, 50.9818,
86.2916

■ 52.7034, 25.8454,
62.2956

■ 73.7248, 60.6952,
91.4775

■ 80.0969, 72.3134,
97.0726

■ 87.4834, 85.9322,
103.0936

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



46.0910, 32.1797, 125.8644



57.3553, 32.1797, 73.0004



60.7993, 32.1797, 29.9105

Triad

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



57.3553, 32.1797, 73.0004



28.7387, 32.1797, 1.5889



14.9313, 32.1797, 89.3465

Complementary

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



57.3553, 32.1797, 73.0004



41.8550, 74.3306, 27.1827

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.



12.5273, 32.1797, 40.7208



57.3553, 32.1797, 73.0004



19.0181, 32.1797, 3.6028

Square

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



57.3553, 32.1797, 73.0004



41.9300, 32.1797, 2.5427



13.7925, 32.1797, 13.2308



21.4980, 32.1797, 138.9609

Rectangle

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



57.3553, 32.1797, 73.0004



57.5865, 32.1797, 13.7240



13.7925, 32.1797, 13.2308



13.7034, 32.1797, 71.4895

Sweetspot

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



57.3560, 32.1811, 73.0010



78.7534, 69.8521, 95.9291



27.0726, 16.0229, 96.2736



16.4703, 14.2458, 20.1981



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.



57.3560, 32.1811, 73.0010



54.5783, 27.9980, 67.8441



48.6005, 28.6788, 26.8948



18.6426, 18.2404, 22.0011



27.5899, 13.5253, 32.8207



2.7215, 1.3310, 3.3810

Inverse Universe

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



57.3560, 32.1811, 73.0010



54.5783, 27.9980, 67.8441



48.9874, 77.1835, 64.7416



18.6426, 18.2404, 22.0011



27.5899, 13.5253, 32.8207



2.7215, 1.3310, 3.3810

Previews

White Background



This preview shows how the XYZ color 57.3553, 32.1797, 73.0004 looks on a white background.

Color Contrast Check

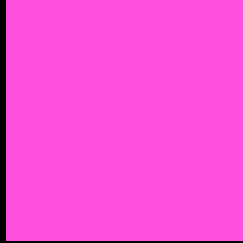
Large Text (above 18pt) WCAG AA × Fail

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 57.3553, 32.1797, 73.0004 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 ✓ Pass

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

XYZ 57.3553, 32.1797, 73.0004

Background



This preview shows how black text looks on a background with the XYZ color 57.3553, 32.1797, 73.0004.



This preview shows how white text looks on a background with the XYZ color 57.3553, 32.1797,

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

57.3553, 32.1797, 73.0004

Protanopia

35.5470, 32.6682, 99.0398

Deuteranopia

33.1036, 32.3608, 66.7889



Tritanopia

46.6106, 32.0894, 20.8768

Trichromacy



Original Color

57.3553, 32.1797, 73.0004



Protanomaly

38.6155, 28.9248, 88.3418



Deuteranomaly

38.3187, 29.2088, 68.5840



Tritanomaly

49.5295, 31.4637, 34.9151

Monochromacy



Original Color

57.3553, 32.1797, 73.0004



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

35.3143, 27.8259, 44.0671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3553, 32.1797, 73.0004 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, 79, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 79, 223)  
}
```

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, 79, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 223) }
```

Border

The CSS property to change the border of an element to XYZ 57.3553, 32.1797, 73.0004 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, 79, 223) }
```


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

```
.border{ border-color:rgb(255, 79, 223) }
```

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

Here you see how a box with a 4 pixel rgb(255, 79, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 79, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 79, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 79,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3553, 32.1797, 73.0004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 79, 223) }
```

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

```
.background{ background-color: rgb(255, 79,  
223) }
```

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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