

Converting Colors

XYZ(53.4795, 31.2350, 64.1390)

Have a look what the booklet for
XYZ(53.4795, 31.2350, 64.1390)
contains.

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Color

**XYZ(53.3988, 31.2437,
64.1890)**

Conversions

Conversions Part 1

Format	Color
Hex	F757D2
RGB	247, 87, 210
RGB Percent	97%, 34%, 82%
CMY	0.0314, 0.6588, 0.1765
CMYK	0.00, 0.65, 0.15, 0.03
HSL	314°, 91%, 65%
HSV	314°, 65%, 97%
XYZ	53.3988, 31.2437, 64.1890
YIQ	148.8620, 55.8770, 72.1730

Conversions

Conversions Part 2

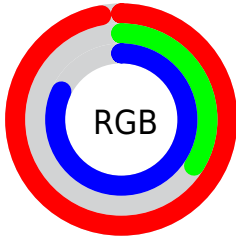
Format	Color
R _Y B	247, 87, 210
Decimal	16209874
CIE Lab	62.71, 73.29, -31.99
CIE LCh	63, 79.970, 336.422
Yxy	31.2437, 0.3588, 0.2099
Android (android.graphics.Color)	4294399954 (0xFFFF757D2)
YUV	148.8620, 30.1410, 86.0670
Hunter-Lab	55.8961, 72.7071, -28.9592

Details

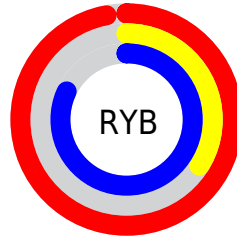
The XYZ color **53.3988, 31.2437, 64.1890** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **40.8309, 70.0041, 30.4318**, and the grayscale version is **28.3717, 29.8492, 32.5058**.

A 20% lighter version of the original color is **69.5689, 49.0378, 100.4063**, and **26.4316, 12.9748, 32.1216** is the 20% darker color. If you saturate the color by 10%, you get **51.0312, 27.6267, 59.9511**, and if you desaturate by 10%, it is **56.4777, 36.2414, 68.7898**.

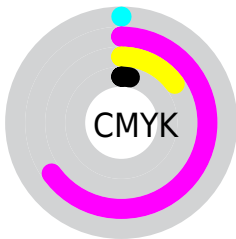
Distribution



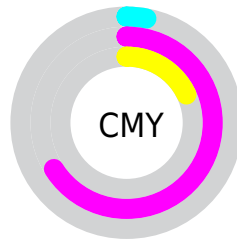
- Red (97%)
- Green (34%)
- Blue (82%)



- Red (97%)
- Yellow (34%)
- Blue (82%)



- Cyan (0%)
- Magenta (65%)
- Yellow (15%)
- Black (3%)





- Cyan (3%)
- Magenta (66%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3988, 31.2437, 64.1890 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 53.3988, 31.2437, 64.1890 by changing the saturation by 10% instead.


 53.3988, 31.2437,
64.1890


 53.3988, 31.2437,
64.1890


390.0491,
307.6595, 458.0980


 38.3500, 20.7845,
46.3566

 94.3530, 61.6236,
112.4852


 26.4329, 12.9666,
32.1766


 120.9891, 82.3130,
143.7860

 17.2821, 7.4055,
21.2305


 152.2184,
107.1813, 180.4134

 10.5324, 3.7170,
13.0997

 188.4061,
136.6128, 222.7860

 5.8183, 1.5165,
7.3657

229.9177,
170.9920, 271.3222

 2.7745, 0.3003,
3.6100

277.1185,

 1.0357, 0.0000,

210.7033, 326.4405

1.4139

330.3739,
256.1310, 388.5596

■ 0.0000, 0.0000,
0.1525

■ 0.0000, 0.0000,
0.0000

■ 53.3988, 31.2437,
64.1890

■ 53.3988, 31.2437,
64.1890

■ 51.0312, 27.6267,
59.9511

■ 56.4777, 36.2414,
68.7898

■ 49.2983, 25.2395,
56.0486

■ 60.3277, 42.7411,
73.7741

■ 48.1113, 23.9040,
52.4508

■ 65.0060, 50.8557,
79.1623

■ 47.6390, 23.4867,
50.6683

■ 70.5631, 60.6862,
84.9725

77.0457, 72.3253,
91.2216

84.4970, 85.8590,
97.9250

91.3711, 98.1955,
104.5688

92.1680, 98.5143,
108.7651

Harmonies

Analogous

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



43.9900, 31.2437, 108.9816



53.3988, 31.2437, 64.1890



55.8322, 31.2437, 27.7258

Triad

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



53.3988, 31.2437, 64.1890



27.4087, 31.2437, 2.4216



15.8015, 31.2437, 83.6745

Complementary

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



53.3988, 31.2437, 64.1890



40.8309, 70.0041, 30.4318

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.



13.3353, 31.2437, 41.1992



53.3988, 31.2437, 64.1890



18.8920, 31.2437, 4.9464

Square

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



53.3988, 31.2437, 64.1890



38.9122, 31.2437, 3.3098



14.3088, 31.2437, 15.1885



22.0640, 31.2437, 124.2635

Rectangle

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



53.3988, 31.2437, 64.1890



52.7499, 31.2437, 13.6620



14.3088, 31.2437, 15.1885



14.5813, 31.2437, 68.4101

Sweetspot

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



53.3998, 31.2452, 64.1896



79.7420, 72.1871, 95.1558



28.1774, 17.6470, 89.9174



16.6451, 14.6922, 19.9573



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.



53.3998, 31.2452, 64.1896



54.1679, 28.7016, 63.0079



45.9551, 28.2673, 24.9859



17.0401, 16.6989, 19.9577



25.2517, 12.4441, 27.0976



2.2583, 1.1093, 2.5864

Inverse Universe

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



53.3998, 31.2452, 64.1896



54.1679, 28.7016, 63.0079



47.8138, 72.7972, 67.2035



17.0401, 16.6989, 19.9577



25.2517, 12.4441, 27.0976



2.2583, 1.1093, 2.5864

Previews

White Background



This preview shows how the XYZ color 53.3988, 31.2437, 64.1890 looks on a white background.

Color Contrast Check

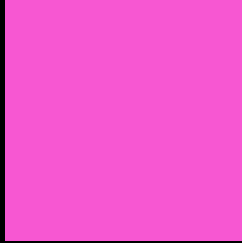
Large Text (above 18pt) WCAG AA × Fail

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 53.3988, 31.2437, 64.1890 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 53.3988, 31.2437, 64.1890

Background



This preview shows how black text looks on a background with the XYZ color 53.3988, 31.2437, 64.1890.

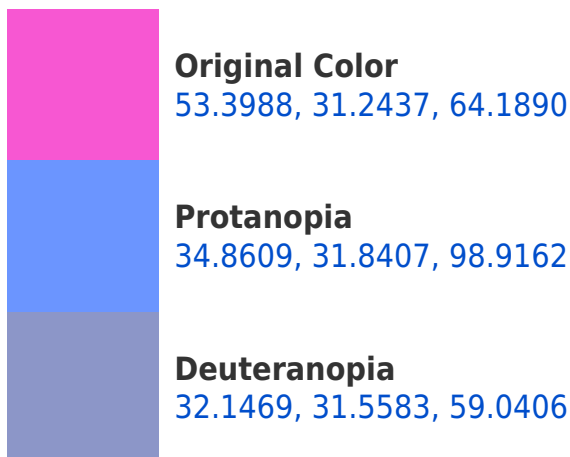


This preview shows how white text looks on a background with the XYZ color 53.3988, 31.2437,

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





Tritanopia

44.4442, 31.1215, 21.4339

Trichromacy



Original Color

53.3988, 31.2437, 64.1890



Protanomaly

37.1414, 28.4228, 85.1899



Deuteranomaly

37.0789, 29.1221, 60.7936



Tritanomaly

46.8756, 30.7012, 33.5923

Monochromacy



Original Color

53.3988, 31.2437, 64.1890



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

34.8191, 28.1763, 42.1315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3988, 31.2437, 64.1890 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(247, 87, 210)` looks like.

```
.text, #text, p{  
    color:rgb(247, 87, 210)  
}
```

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(247, 87, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 87, 210) }
```

Border

The CSS property to change the border of an element to XYZ 53.3988, 31.2437, 64.1890 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(247, 87, 210) }
```


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

```
.border{ border-color:rgb(247, 87, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 87, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 87, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 87, 210);  
box-shadow:4px 4px 4px 4px rgb(247, 87,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3988, 31.2437, 64.1890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 87, 210) }
```

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

```
.background{ background-color: rgb(247, 87,  
210) }
```

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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