

Converting Colors

XYZ(52.9604, 41.9434, 30.0884)

Have a look what the booklet for
XYZ(52.9604, 41.9434, 30.0884)
contains.

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Color

**XYZ(53.0185, 42.0440,
30.1319)**

Conversions

Conversions Part 1

Format	Color
Hex	F6928C
RGB	246, 146, 140
RGB Percent	96%, 57%, 55%
CMY	0.0353, 0.4274, 0.4510
CMYK	0.00, 0.41, 0.43, 0.04
HSL	3°, 85%, 76%
HSV	3°, 43%, 96%
XYZ	53.0185, 42.0440, 30.1319
YIQ	175.2160, 61.5260, 19.3340

Conversions

Conversions Part 2

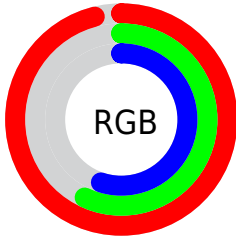
Format	Color
R _Y B	246, 146, 140
Decimal	16159372
CIE Lab	70.90, 37.02, 19.50
CIE LCh	71, 41.838, 27.776
Yxy	42.0440, 0.4235, 0.3358
Android (android.graphics.Color)	4294349452 (0xFFFF6928C)
YUV	175.2160, -17.3615, 62.0776
Hunter-Lab	64.8413, 32.4809, 17.8368

Details

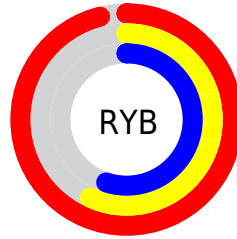
The XYZ color **53.0185, 42.0440, 30.1319** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.6083, 74.5461, 98.4884**, and the grayscale version is **40.9252, 43.0565, 46.8886**.

A 20% lighter version of the original color is **71.8642, 66.9283, 60.1697**, and **26.3417, 19.3084, 12.0114** is the 20% darker color. If you saturate the color by 10%, you get **48.1818, 34.9563, 20.5488**, and if you desaturate by 10%, it is **58.9888, 50.7501, 42.0940**.

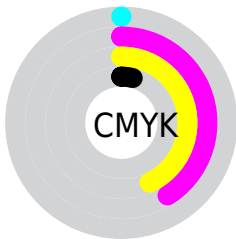
Distribution



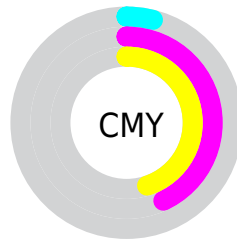
- Red (96%)
- Green (57%)
- Blue (55%)



- Red (96%)
- Yellow (57%)
- Blue (55%)



- Cyan (0%)
- Magenta (41%)
- Yellow (43%)
- Black (4%)





- Cyan (4%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0185, 42.0440, 30.1319 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 53.0185, 42.0440, 30.1319 by changing the saturation by 10% instead.


 53.0185, 42.0440,
30.1319

 53.0185, 42.0440,
30.1319


388.6158,
354.6653, 316.7452


 38.0451, 29.1357,
19.6858


 93.7970, 78.2662,
60.9342

 26.1950, 19.1835,
11.9851

 120.3327,
102.3490, 82.1275

 17.1031, 11.8030,
6.6111


 151.4533,
130.9253, 107.7402

 10.4038, 6.6097,
3.1454

187.5240,
164.3797, 138.1910

 5.7318, 3.2192,
1.1693

228.9103,
203.0965, 173.8984

 2.7218, 1.2472,
0.0000

275.9774,

 1.0084, 0.0998,

247.4601, 215.2808

0.0000

329.0908,
297.8549, 262.7569

■ 0.0000, 0.0000,
0.0000

■ 53.0185, 42.0440,
30.1319

■ 53.0185, 42.0440,
30.1319

■ 48.1818, 34.9563,
20.5488

■ 58.9888, 50.7501,
42.0940

■ 44.4041, 29.3814,
13.1835

■ 66.1549, 61.1593,
56.5769

■ 41.6065, 25.2110,
7.8587


■ 74.5782, 73.3577,
73.7140

■ 39.6982, 22.3199,
4.3691

■ 84.3148, 87.4239,
93.6289

■ 38.5708, 20.5606,
2.4660

■ 91.8159, 98.3328,
108.7486

 38.1621, 19.9052,
1.8307

Harmonies

Analogous

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



54.8909, 42.0440, 47.2829



53.0185, 42.0440, 30.1319



47.5354, 42.0440, 20.3966

Triad

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



53.0185, 42.0440, 30.1319



29.6702, 42.0440, 28.2236



39.4443, 42.0440, 95.7862

Complementary

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



53.0185, 42.0440, 30.1319



58.6083, 74.5461, 98.4884

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.



33.2382, 42.0440, 86.4886



53.0185, 42.0440, 30.1319



28.0190, 42.0440, 44.3069

Square

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



53.0185, 42.0440, 30.1319



34.0405, 42.0440, 19.5408



29.2463, 42.0440, 66.0769



46.5323, 42.0440, 88.7825

Rectangle

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



53.0185, 42.0440, 30.1319



42.8643, 42.0440, 17.5969



29.2463, 42.0440, 66.0769



37.1929, 42.0440, 94.4177

Sweetspot

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



53.0196, 42.0461, 30.1327



80.9874, 79.6912, 80.1153



63.2166, 44.6823, 88.2768



16.8757, 16.3933, 16.2123



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.



53.0196, 42.0461, 30.1327



52.7487, 38.6171, 23.2163



63.0025, 62.0119, 33.4603



16.5745, 16.6330, 17.1345



20.4007, 10.6870, 0.9876



1.8190, 0.9913, 0.0955

Inverse Universe

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



58.6083, 74.5461, 98.4884



59.5428, 78.2068, 106.5649



45.3693, 48.0680, 94.0754



16.9116, 18.5875, 21.2390



24.3266, 34.4469, 51.9048



2.1621, 3.0757, 4.5699

Previews

White Background



This preview shows how the XYZ color 53.0185, 42.0440, 30.1319 looks on a white background.

Color Contrast Check

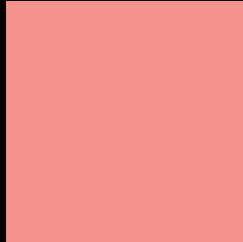
Large Text (above 18pt) WCAG AA × Fail

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 53.0185, 42.0440, 30.1319 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 53.0185, 42.0440, 30.1319

Background



This preview shows how black text looks on a background with the XYZ color 53.0185, 42.0440, 30.1319.



This preview shows how white text looks on a background with the XYZ color 53.0185, 42.0440,

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

53.0185, 42.0440, 30.1319

Protanopia

39.9847, 42.1321, 36.1619

Deuteranopia

42.8913, 42.1115, 29.1603



Tritanopia

54.1638, 42.0538, 35.8343

Trichromacy



Original Color

53.0185, 42.0440, 30.1319



Protanomaly

43.6193, 41.3116, 33.6919



Deuteranomaly

46.1269, 41.6625, 29.2774



Tritanomaly

53.9080, 42.1949, 33.7369

Monochromacy



Original Color

53.0185, 42.0440, 30.1319



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

43.8844, 41.5771, 39.8946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0185, 42.0440, 30.1319 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(246, 146, 140)` looks like.

```
.text, #text, p{  
    color:rgb(246, 146, 140)  
}
```

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(246, 146, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 146, 140) }
```

Border

The CSS property to change the border of an element to XYZ 53.0185, 42.0440, 30.1319 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(246, 146, 140) }
```


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

```
.border{ border-color:rgb(246, 146, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 146, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 146, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 146, 140);  
box-shadow:4px 4px 4px 4px rgb(246, 146,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0185, 42.0440, 30.1319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 146, 140) }
```

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

```
.background{ background-color: rgb(246,  
146, 140) }
```

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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