

Converting Colors

XYZ(56.5162, 41.9997, 41.8052)

Have a look what the booklet for
XYZ(56.5162, 41.9997, 41.8052)
contains.

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Color

**XYZ(56.3526, 41.9507,
41.6864)**

Conversions

Conversions Part 1

Format	Color
Hex	FC8BA7
RGB	252, 139, 167
RGB Percent	99%, 55%, 65%
CMY	0.0118, 0.4549, 0.3451
CMYK	0.00, 0.45, 0.34, 0.01
HSL	345°, 95%, 77%
HSV	345°, 45%, 99%
XYZ	56.3526, 41.9507, 41.6864
YIQ	175.9790, 58.3600, 32.6640

Conversions

Conversions Part 2

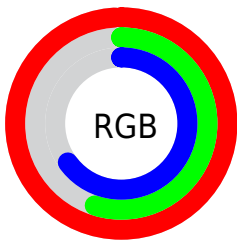
Format	Color
R_{YB}	252, 139, 167
Decimal	16550823
CIE _{Lab}	70.84, 45.75, 4.49
CIE _{LCh}	71, 45.968, 5.610
Yxy	41.9507, 0.4025, 0.2997
Android (android.graphics.Color)	4294740903 (0xFFFC8BA7)
YUV	175.9790, -4.4266, 66.6704
Hunter-Lab	64.7694, 41.9576, 7.1787

Details

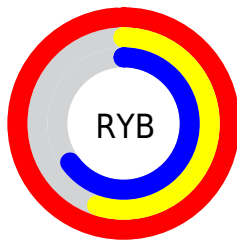
The XYZ color **56.3526, 41.9507, 41.6864** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.9145, 80.4927, 82.9570**, and the grayscale version is **41.2581, 43.4067, 47.2699**.

A 20% lighter version of the original color is **73.7166, 65.1175, 77.7909**, and **28.4146, 19.2308, 18.4340** is the 20% darker color. If you saturate the color by 10%, you get **51.4893, 34.8261, 32.0436**, and if you desaturate by 10%, it is **62.3159, 50.8639, 52.9641**.

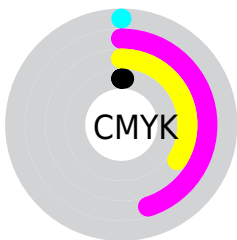
Distribution



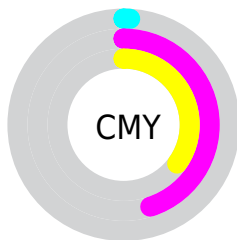
- Red (99%)
- Green (55%)
- Blue (65%)



- Red (99%)
- Yellow (55%)
- Blue (65%)



- Cyan (0%)
- Magenta (45%)
- Yellow (34%)
- Black (1%)





- Cyan (1%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3526, 41.9507, 41.6864 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 56.3526, 41.9507, 41.6864 by changing the saturation by 10% instead.


 56.3526, 41.9507,
41.6864


 56.3526, 41.9507,
41.6864


401.0725,
354.2785, 368.9425


 40.7238, 29.0627,
28.5321

 98.6568, 78.1250,
78.9897

 28.2901, 19.1283,
18.4846


 126.0628,
102.1801, 103.9758

 18.6860, 11.7630,
11.1254


 158.1254,
130.7263, 133.7430

 11.5463, 6.5825,
6.0360

195.2097,
164.1481, 168.7096

 6.5055, 3.2024,
2.7979

237.6812,
202.8298, 209.2944

 3.1984, 1.2383,
0.9924

285.9053,

 1.2595, 0.0927,

247.1559, 255.9157

0.0000

340.2473,
297.5106, 308.9923

■ 0.1526, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3526, 41.9507,
41.6864

■ 56.3526, 41.9507,
41.6864

■ 51.4893, 34.8261,
32.0436

■ 62.3159, 50.8639,
52.9641

■ 47.6530, 29.3623,
23.9553

■ 69.4394, 61.6697,
65.9470

■ 44.7667, 25.4244,
17.3371

■ 77.7825, 74.4713,
80.7042

■ 42.7406, 22.8533,
12.0954

■ 87.4000, 89.3628,
97.3001

■ 41.4658, 21.4542,
8.1237

93.9550, 99.4355,
108.8488

■ 41.0264, 21.0481,
6.5203

Harmonies

Analogous

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



54.8046, 41.9507, 65.3463



56.3526, 41.9507, 41.6864



53.0483, 41.9507, 25.2983

Triad

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



56.3526, 41.9507, 41.6864



31.9162, 41.9507, 19.3001



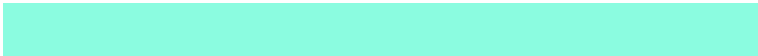
34.1090, 41.9507, 95.7080

Complementary

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



56.3526, 41.9507, 41.6864



58.9145, 80.4927, 82.9570

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.



29.0824, 41.9507, 74.8149



56.3526, 41.9507, 41.6864



27.9342, 41.9507, 30.4134

Square

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



56.3526, 41.9507, 41.6864



38.4539, 41.9507, 15.2972



26.9669, 41.9507, 49.9149



41.3263, 41.9507, 101.6447

Rectangle

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



56.3526, 41.9507, 41.6864



48.7592, 41.9507, 19.0121



26.9669, 41.9507, 49.9149



32.1377, 41.9507, 89.9350

Sweetspot

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



56.3537, 41.9528, 41.6872



81.6132, 79.1396, 85.8832



57.4680, 41.3032, 97.0391



17.0284, 16.2601, 17.6153



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.



56.3537, 41.9528, 41.6872



53.2560, 36.3005, 33.6550



58.6712, 50.2908, 31.0435



17.4210, 17.2957, 18.8065



21.4200, 10.9837, 3.6541



2.0242, 1.0334, 0.5508

Inverse Universe

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



56.3537, 41.9528, 41.6872



53.2560, 36.3005, 33.6550



54.8084, 65.6959, 101.8876



17.4210, 17.2957, 18.8065



21.4200, 10.9837, 3.6541



2.0242, 1.0334, 0.5508

Previews

White Background



This preview shows how the XYZ color 56.3526, 41.9507, 41.6864 looks on a white background.

Color Contrast Check

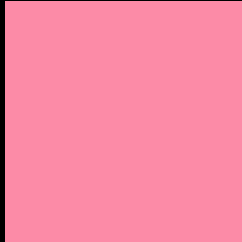
Large Text (above 18pt) WCAG AA × Fail

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 56.3526, 41.9507, 41.6864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

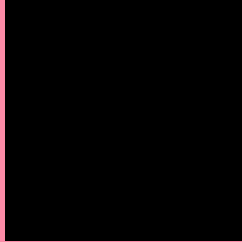
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3526, 41.9507, 41.6864

Background



This preview shows how black text looks on a background with the XYZ color 56.3526, 41.9507, 41.6864.



This preview shows how white text looks on a background with the XYZ color 56.3526, 41.9507,

41.6864.

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

56.3526, 41.9507, 41.6864

Protanopia

41.0401, 42.3165, 52.4592

Deuteranopia

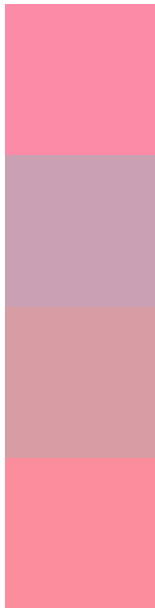
43.0299, 42.2160, 40.0630



Tritanopia

55.1242, 42.1222, 34.9308

Trichromacy



Original Color

56.3526, 41.9507, 41.6864

Protanomaly

45.2387, 41.3010, 48.2354

Deuteranomaly

47.0767, 41.3932, 40.6304

Tritanomaly

55.3943, 41.9933, 37.0842

Monochromacy



Original Color

56.3526, 41.9507, 41.6864

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

45.5419, 42.0489, 45.2511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3526, 41.9507, 41.6864 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(252, 139, 167)` looks like.

```
.text, #text, p{  
    color:rgb(252, 139, 167)  
}
```

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(252, 139, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 139, 167) }
```

Border

The CSS property to change the border of an element to XYZ 56.3526, 41.9507, 41.6864 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(252, 139, 167) }
```


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

```
.border{ border-color:rgb(252, 139, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 139, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 139, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 139, 167);  
box-shadow:4px 4px 4px 4px rgb(252, 139,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3526, 41.9507, 41.6864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 139, 167) }
```

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

```
.background{ background-color: rgb(252,  
139, 167) }
```

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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