

Converting Colors

XYZ(56.6032, 41.3012, 39.9924)

Have a look what the booklet for
XYZ(56.6032, 41.3012, 39.9924)
contains.

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Color

**XYZ(56.6048, 41.2683,
40.1041)**

Conversions

Conversions Part 1

Format	Color
Hex	FF87A4
RGB	255, 135, 164
RGB Percent	100%, 53%, 64%
CMY	0.0000, 0.4706, 0.3569
CMYK	0.00, 0.47, 0.36, 0.00
HSL	346°, 100%, 76%
HSV	346°, 47%, 100%
XYZ	56.6048, 41.2683, 40.1041
YIQ	174.1860, 62.2110, 34.4590

Conversions

Conversions Part 2

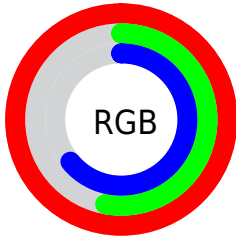
Format	Color
R_{YB}	255, 135, 164
Decimal	16746404
CIE _{Lab}	70.36, 48.41, 5.54
CIE _{LCh}	70, 48.729, 6.527
Yxy	41.2683, 0.4102, 0.2991
Android (android.graphics.Color)	4294936484 (0xFFFF87A4)
YUV	174.1860, -5.0217, 70.8739
Hunter-Lab	64.2404, 44.8628, 7.9546

Details

The XYZ color **56.6048, 41.2683, 40.1041** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.4812, 82.1628, 84.6802**, and the grayscale version is **40.3315, 42.4319, 46.2083**.

A 20% lighter version of the original color is **72.6570, 63.6361, 75.4714**, and **28.3727, 18.6568, 17.4350** is the 20% darker color. If you saturate the color by 10%, you get **51.8477, 34.3398, 30.5473**, and if you desaturate by 10%, it is **62.4816, 50.0110, 51.3451**.

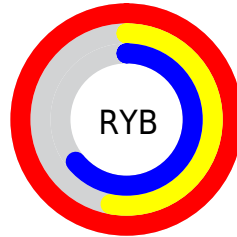
Distribution



Red (100%)

Green (53%)

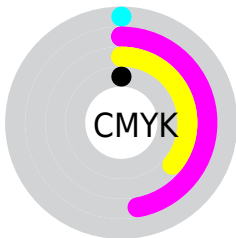
Blue (64%)



Red (100%)

Yellow (53%)

Blue (64%)

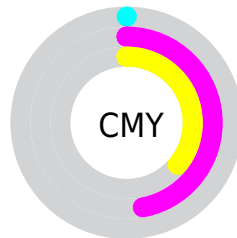


Cyan (0%)

Magenta (47%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.6048, 41.2683, 40.1041 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 56.6048, 41.2683, 40.1041 by changing the saturation by 10% instead.


 56.6048, 41.2683,
40.1041


 56.6048, 41.2683,
40.1041


402.0050,
351.4407, 362.1273


 40.9269, 28.5288,
27.3053

 99.0230, 77.0910,
76.5608

 28.4494, 18.7246,
17.5682


 126.4940,
100.9430, 101.0559

 18.8069, 11.4715,
10.4742


 158.6269,
129.2680, 130.2867

 11.6340, 6.3849,
5.6048

195.7868,
162.4502, 164.6719

 6.5654, 3.0805,
2.5414

238.3392,
200.8743, 204.6300

 3.2357, 1.1739,
0.8620

286.6495,

 1.2796, 0.0402,

244.9244, 250.5796

0.0000

341.0829,
294.9851, 302.9392

■ 0.1679, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6048, 41.2683,
40.1041

■ 56.6048, 41.2683,
40.1041

■ 51.8477, 34.3398,
30.5473

■ 62.4816, 50.0110,
51.3451

■ 48.1333, 29.0908,
22.5888

■ 69.5416, 60.6774,
64.3455

■ 45.3795, 25.3778,
16.1383

■ 77.8475, 73.3759,
79.1787

■ 43.4900, 23.0305,
11.0945

■ 87.4566, 88.2048,
95.9131

■ 42.3439, 21.8319, 95.0500, 100.0000,
7.3410 108.9000

■ 42.0990, 21.6036,
6.4533

Harmonies

Analogous

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



55.1176, 41.2683, 64.8964



56.6048, 41.2683, 40.1041



52.9501, 41.2683, 23.4594

Triad

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



56.6048, 41.2683, 40.1041



30.7518, 41.2683, 17.9895



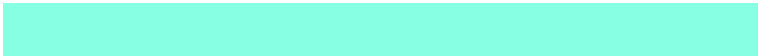
33.4030, 41.2683, 98.7602

Complementary

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



56.6048, 41.2683, 40.1041



59.4812, 82.1628, 84.6802

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.



28.1026, 41.2683, 76.6377



56.6048, 41.2683, 40.1041



26.7239, 41.2683, 29.5531

Square

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



56.6048, 41.2683, 40.1041



37.4994, 41.2683, 13.8110



25.8244, 41.2683, 50.1373



41.0013, 41.2683, 104.5583

Rectangle

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



56.6048, 41.2683, 40.1041



48.3484, 41.2683, 17.2670



25.8244, 41.2683, 50.1373



31.3270, 41.2683, 92.6916

Sweetspot

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



56.6059, 41.2704, 40.1049



80.6432, 77.6770, 84.0878



57.7669, 40.5579, 99.3915



16.8357, 15.9716, 17.2524



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.



56.6059, 41.2704, 40.1049



52.2995, 34.9898, 31.4795



59.0698, 49.9217, 29.4470



18.1893, 18.0590, 19.6139



22.0461, 11.3077, 3.6273



2.1873, 1.1173, 0.5675

Inverse Universe

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



56.6059, 41.2704, 40.1049



52.2995, 34.9898, 31.4795



54.9686, 66.2229, 104.4929



18.1893, 18.0590, 19.6139



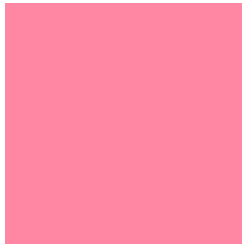
22.0461, 11.3077, 3.6273



2.1873, 1.1173, 0.5675

Previews

White Background



This preview shows how the XYZ color 56.6048, 41.2683, 40.1041 looks on a white background.

Color Contrast Check

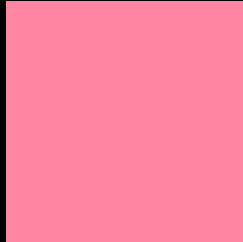
Large Text (above 18pt) WCAG AA × Fail

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 56.6048, 41.2683, 40.1041 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 56.6048, 41.2683, 40.1041

Background



This preview shows how black text looks on a background with the XYZ color 56.6048, 41.2683, 40.1041.



This preview shows how white text looks on a background with the XYZ color 56.6048, 41.2683,

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

56.6048, 41.2683, 40.1041

Protanopia

40.3331, 41.3993, 51.7640

Deuteranopia

42.1424, 41.2450, 38.5408



Tritanopia

55.3068, 41.3859, 33.0903

Trichromacy



Original Color

56.6048, 41.2683, 40.1041



Protanomaly

44.5198, 40.1846, 47.0049



Deuteranomaly

46.4733, 40.6148, 39.1083



Tritanomaly

55.6514, 41.2952, 35.6095

Monochromacy



Original Color

56.6048, 41.2683, 40.1041



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

44.4551, 40.7404, 43.5509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6048, 41.2683, 40.1041 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, 135, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 164)  
}
```

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, 135, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 164) }
```

Border

The CSS property to change the border of an element to XYZ 56.6048, 41.2683, 40.1041 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, 135, 164) }
```


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

```
.border{ border-color:rgb(255, 135, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 135, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6048, 41.2683, 40.1041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 135, 164) }
```

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

```
.background{ background-color: rgb(255,  
135, 164) }
```

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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