

Converting Colors

XYZ(53.1793, 40.7494, 43.1896)

Have a look what the booklet for
XYZ(53.1793, 40.7494, 43.1896)
contains.

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Color

**XYZ(53.0562, 40.6528,
43.0806)**

Conversions

Conversions Part 1

Format	Color
Hex	F18DAA
RGB	241, 141, 170
RGB Percent	95%, 55%, 67%
CMY	0.0549, 0.4470, 0.3333
CMYK	0.00, 0.41, 0.29, 0.05
HSL	343°, 78%, 75%
HSV	343°, 41%, 95%
XYZ	53.0562, 40.6528, 43.0806
YIQ	174.2060, 50.2910, 30.2190

Conversions

Conversions Part 2

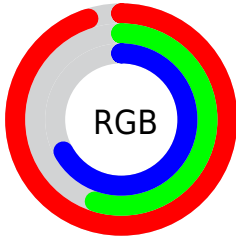
Format	Color
R _Y B	241, 141, 170
Decimal	15830442
CIE Lab	69.93, 41.29, 1.33
CIE LCh	70, 41.314, 1.848
Yxy	40.6528, 0.3879, 0.2972
Android (android.graphics.Color)	4294020522 (0xFFFF18DAA)
YUV	174.2060, -2.0736, 58.5783
Hunter-Lab	63.7595, 36.9559, 4.5710

Details

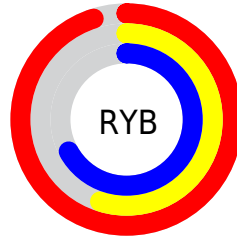
The XYZ color **53.0562, 40.6528, 43.0806** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.3254, 73.3278, 73.5816**, and the grayscale version is **40.3313, 42.4316, 46.2081**.

A 20% lighter version of the original color is **74.5705, 66.1761, 80.0771**, and **26.2882, 18.3547, 19.2968** is the 20% darker color. If you saturate the color by 10%, you get **48.3667, 33.6978, 34.0441**, and if you desaturate by 10%, it is **58.7318, 49.2422, 53.4863**.

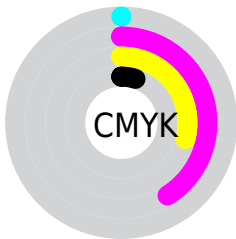
Distribution



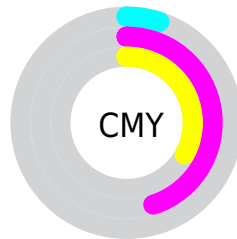
- Red (95%)
- Green (55%)
- Blue (67%)



- Red (95%)
- Yellow (55%)
- Blue (67%)



- Cyan (0%)
- Magenta (41%)
- Yellow (29%)
- Black (5%)





- Cyan (5%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0562, 40.6528, 43.0806 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 53.0562, 40.6528, 43.0806 by changing the saturation by 10% instead.


 53.0562, 40.6528,
43.0806

 53.0562, 40.6528,
43.0806


388.7580,
348.8674, 374.8741

 38.0753, 28.0479,
29.6165


 93.8521, 76.1566,
81.1201

 26.2186, 18.3618,
19.2981


 120.3978, 99.8242,
106.5326

 17.1208, 11.2100,
11.7069


151.5292,
127.9482, 136.7650

 10.4165, 6.2083,
6.4243

187.6115,
160.9129, 172.2358

 5.7403, 2.9721,
3.0318

229.0102,
199.1028, 213.3636

 2.7270, 1.1172,
1.1109

276.0906,

 1.0111, 0.0000,

242.9023, 260.5669

0.0000

329.2181,
292.6957, 314.2642

■ 0.0000, 0.0000,
0.0000

■ 53.0562, 40.6528,
43.0806

■ 53.0562, 40.6528,
43.0806

■ 48.3667, 33.6978,
34.0441

■ 58.7318, 49.2422,
53.4863

■ 44.6012, 28.2668,
26.3149

■ 65.4438, 59.5553,
65.3142

■ 41.6955, 24.2449,
19.8296

■ 73.2432, 71.6821,
78.6177

■ 39.5753, 21.4982,
14.5182

■ 82.1764, 85.7043,
93.4463

■ 38.1525, 19.8662,
10.3021

■ 90.0857, 97.4408,
108.6677

■ 37.3775, 19.1415,
7.4994

Harmonies

Analogous

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



51.1970, 40.6528, 64.1341



53.0562, 40.6528, 43.0806



50.6957, 40.6528, 27.4589

Triad

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



53.0562, 40.6528, 43.0806



32.2105, 40.6528, 19.6719



32.8544, 40.6528, 85.5973

Complementary

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



53.0562, 40.6528, 43.0806



54.3254, 73.3278, 73.5816

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.



28.6641, 40.6528, 66.8190



53.0562, 40.6528, 43.0806



28.3237, 40.6528, 28.9910

Square

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



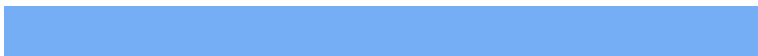
53.0562, 40.6528, 43.0806



38.2238, 40.6528, 16.6108



27.1036, 40.6528, 45.4689



39.0577, 40.6528, 92.5468

Rectangle

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



53.0562, 40.6528, 43.0806



47.1894, 40.6528, 21.0638



27.1036, 40.6528, 45.4689



31.1898, 40.6528, 80.2345

Sweetspot

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



53.0573, 40.6548, 43.0814



82.7503, 80.6854, 88.5077



52.2676, 39.2517, 88.0408



17.4498, 16.8608, 18.5019



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.



53.0573, 40.6548, 43.0814



55.6375, 39.2656, 39.9916



53.8297, 46.1157, 31.2659



15.9613, 15.8342, 17.3524



20.3195, 10.4002, 4.3333



1.7320, 0.8819, 0.5797

Inverse Universe

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



53.0573, 40.6548, 43.0814



55.6375, 39.2656, 39.9916



52.7197, 63.7279, 92.7414



15.9613, 15.8342, 17.3524



20.3195, 10.4002, 4.3333



1.7320, 0.8819, 0.5797

Previews

White Background



This preview shows how the XYZ color 53.0562, 40.6528, 43.0806 looks on a white background.

Color Contrast Check

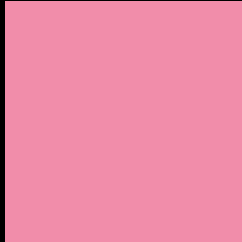
Large Text (above 18pt) WCAG AA × Fail

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 53.0562, 40.6528, 43.0806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

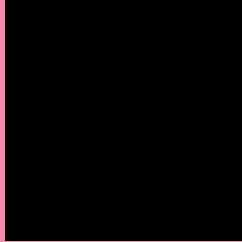
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0562, 40.6528, 43.0806

Background



This preview shows how black text looks on a background with the XYZ color 53.0562, 40.6528, 43.0806.



This preview shows how white text looks on a background with the XYZ color 53.0562, 40.6528,

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

53.0562, 40.6528, 43.0806

Protanopia

39.9219, 40.8834, 52.8009

Deuteranopia

41.7544, 40.9728, 41.7842



Tritanopia

51.7412, 40.8049, 35.7209

Trichromacy



Original Color

53.0562, 40.6528, 43.0806



Protanomaly

43.5036, 39.8682, 49.1185



Deuteranomaly

45.3265, 40.4593, 41.9797



Tritanomaly

52.1028, 40.7083, 38.3691

Monochromacy



Original Color

53.0562, 40.6528, 43.0806



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

43.7519, 40.8636, 45.1166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0562, 40.6528, 43.0806 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(241, 141, 170)` looks like.

```
.text, #text, p{  
    color:rgb(241, 141, 170)  
}
```

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(241, 141, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 141, 170) }
```

Border

The CSS property to change the border of an element to XYZ 53.0562, 40.6528, 43.0806 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(241, 141, 170) }
```


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

```
.border{ border-color:rgb(241, 141, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 141, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 141, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 141, 170);  
box-shadow:4px 4px 4px 4px rgb(241, 141,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0562, 40.6528, 43.0806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 141, 170) }
```

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

```
.background{ background-color: rgb(241,  
141, 170) }
```

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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