

Converting Colors

XYZ(51.2936, 36.0946, 40.3573)

Have a look what the booklet for
XYZ(51.2936, 36.0946, 40.3573)
contains.

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Color

**XYZ(51.2741, 36.1522,
40.3520)**

Conversions

Conversions Part 1

Format	Color
Hex	F47BA6
RGB	244, 123, 166
RGB Percent	96%, 48%, 65%
CMY	0.0431, 0.5176, 0.3490
CMYK	0.00, 0.50, 0.32, 0.04
HSL	339°, 85%, 72%
HSV	339°, 50%, 96%
XYZ	51.2741, 36.1522, 40.3520
YIQ	164.0810, 58.3130, 39.0250

Conversions

Conversions Part 2

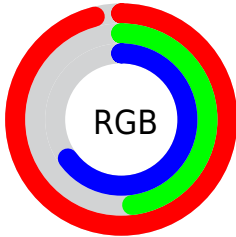
Format	Color
R_{YB}	244, 123, 166
Decimal	16022438
CIE _{Lab}	66.64, 50.84, -1.18
CIE _{LCh}	67, 50.851, 358.667
Yxy	36.1522, 0.4013, 0.2829
Android (android.graphics.Color)	4294212518 (0xFFFF47BA6)
YUV	164.0810, 0.9461, 70.0890
Hunter-Lab	60.1267, 46.9973, 2.2982

Details

The XYZ color **51.2741, 36.1522, 40.3520** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **51.0635, 73.1302, 66.6866**, and the grayscale version is **35.3025, 37.1410, 40.4465**.

A 20% lighter version of the original color is **70.2115, 58.3212, 75.9632**, and **25.1730, 15.7854, 17.6397** is the 20% darker color. If you saturate the color by 10%, you get **47.2598, 30.2933, 32.3250**, and if you desaturate by 10%, it is **56.2211, 43.5937, 49.5613**.

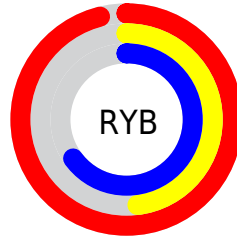
Distribution



Red (96%)

Green (48%)

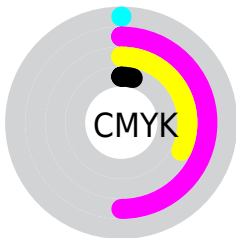
Blue (65%)



Red (96%)

Yellow (48%)

Blue (65%)

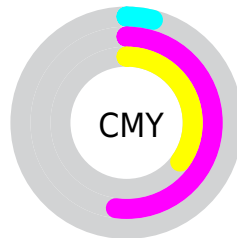


Cyan (0%)

Magenta (50%)

Yellow (32%)

Black (4%)



Cyan (4%)


Magenta (52%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.2741, 36.1522, 40.3520 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 51.2741, 36.1522, 40.3520 by changing the saturation by 10% instead.


 51.2741, 36.1522,
40.3520


 51.2741, 36.1522,
40.3520

381.9979,
329.6253, 363.2011


 36.6487, 24.5518,
27.4972


 91.2404, 69.2669,
76.9422

 25.1081, 15.7434,
17.7113


 117.3120, 91.5500,
101.5147

 16.2867, 9.3428,
10.5756

 147.9298,
118.1627, 130.8301

 9.8194, 4.9654,
5.6717

183.4590,
149.4895, 165.3071

 5.3407, 2.2270,
2.5809

224.2651,
185.9148, 205.3641

 2.4853, 0.7347,
0.8826

270.7134,

 0.8879, 0.0000,

227.8229, 251.4198

0.0000

323.1692,
275.5983, 303.8926

■ 0.0000, 0.0000,
0.0000

■ 51.2741, 36.1522,
40.3520

■ 51.2741, 36.1522,
40.3520

■ 47.2598, 30.2933,
32.3250

■ 56.2211, 43.5937,
49.5613

■ 44.1118, 25.8948,
25.4259

■ 62.1550, 52.7172,
59.9997

■ 41.7591, 22.8252,
19.5983

■ 69.1293, 63.6203,
71.7137

■ 40.1169, 20.9268,
14.7784

■ 77.1928, 76.3915,
84.7465

■ 39.0539, 19.9489,
10.8846

■ 86.3908, 91.1135,
99.1392

■ 39.0164, 19.9164,
10.7412

■ 91.1183, 97.9731,
108.7160

Harmonies

Analogous

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



48.5272, 36.1522, 65.5999



51.2741, 36.1522, 40.3520



48.9594, 36.1522, 22.4087

Triad

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



51.2741, 36.1522, 40.3520



27.7741, 36.1522, 12.7545



27.2629, 36.1522, 87.4549

Complementary

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



51.2741, 36.1522, 40.3520



51.0635, 73.1302, 66.6866

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.



22.9988, 36.1522, 63.2422



51.2741, 36.1522, 40.3520



23.2617, 36.1522, 21.2626

Square

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



51.2741, 36.1522, 40.3520



34.7050, 36.1522, 10.4739



21.6488, 36.1522, 38.3915



34.0204, 36.1522, 98.3227

Rectangle

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



51.2741, 36.1522, 40.3520



45.0261, 36.1522, 15.4394



21.6488, 36.1522, 38.3915



25.5298, 36.1522, 80.2510

Sweetspot

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



51.2751, 36.1540, 40.3527



80.3194, 76.4893, 85.6454



47.1353, 32.9287, 89.4596



16.7970, 15.7479, 17.6902



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.



51.2751, 36.1540, 40.3527



52.0233, 33.1755, 35.2772



50.1367, 39.1690, 23.6591



16.7424, 16.5798, 18.3898



21.2739, 10.8530, 6.1505



1.9168, 0.9727, 0.7885

Inverse Universe

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



51.2751, 36.1540, 40.3527



52.0233, 33.1755, 35.2772



52.2056, 66.1572, 95.6061



16.7424, 16.5798, 18.3898



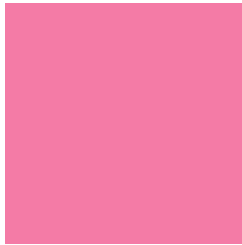
21.2739, 10.8530, 6.1505



1.9168, 0.9727, 0.7885

Previews

White Background



This preview shows how the XYZ color 51.2741, 36.1522, 40.3520 looks on a white background.

Color Contrast Check

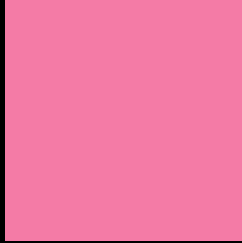
Large Text (above 18pt) WCAG AA × Fail

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 51.2741, 36.1522, 40.3520 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 51.2741, 36.1522, 40.3520

Background



This preview shows how black text looks on a background with the XYZ color 51.2741, 36.1522, 40.3520.



This preview shows how white text looks on a background with the XYZ color 51.2741, 36.1522,

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

51.2741, 36.1522, 40.3520

Protanopia

35.8348, 36.3320, 53.2682

Deuteranopia

36.9925, 36.2357, 38.3022



Tritanopia

48.9246, 36.1506, 28.4439

Trichromacy



Original Color

51.2741, 36.1522, 40.3520



Protanomaly

39.7605, 35.0224, 48.3805



Deuteranomaly

41.2756, 35.5559, 38.8699



Tritanomaly

49.7683, 36.1145, 32.3647

Monochromacy



Original Color

51.2741, 36.1522, 40.3520



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

39.5313, 35.5490, 40.3754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2741, 36.1522, 40.3520 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(244, 123, 166)` looks like.

```
.text, #text, p{  
    color:rgb(244, 123, 166)  
}
```

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(244, 123, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 123, 166) }
```

Border

The CSS property to change the border of an element to XYZ 51.2741, 36.1522, 40.3520 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(244, 123, 166) }
```


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

```
.border{ border-color:rgb(244, 123, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 123, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 123, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 123, 166);  
box-shadow:4px 4px 4px 4px rgb(244, 123,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2741, 36.1522, 40.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 123, 166) }
```

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

```
.background{ background-color: rgb(244,  
123, 166) }
```

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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